



**UTAH
EMERGENCY
DEPARTMENT
ENCOUNTER
DATABASE**

**2011
PUBLIC-USE DATA FILE**

USER MANUAL

**Version I
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UTAH DEPARTMENT OF HEALTH

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BUREAU OF EMERGENCY MEDICAL SERVICES

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INTRODUCTION

Utah Emergency Department Encounter Database

Administrative Rule R426-1-7 (I) mandates all Utah licensed hospitals to report information on emergency department patient encounters. The rule defines the data elements which hospitals are required to submit to the Bureau of Emergency Medical Services under statute and administrative rules specifically for the purpose of constructing a statewide Emergency Department Encounter Database. The database contains the consolidated information on complete billing, medical codes, personal characteristics describing a patient, services received, and charges billed for each patient emergency department (ED) encounter. The ED Encounter Public Data Set includes the combined data on all ED outpatient visits and ED inpatient admissions. A new field Encounter Type with values of 'o' and 'i' has been added to the record layout starting in 1999. Caution should be used when comparing this data with previous years as they only included ED outpatient visits.

Forty three eligible hospitals submitted data in every calendar quarter (3-month period) in 2011. **Lone Peak Emergency Center, a new satellite emergency department affiliated with St. Mark's Hospital, opened on May 25th, 2010.** DRG and APR-DRG (v. 20.0+) fields including patient severity subclass and risk of mortality have been added starting in 2005. Because of the dramatic change moving from DRG (V24) to MS-DRG (V25) which went into effect on 10/1/2007, we are including both fields as separate data elements ran across the entire year for 2011.

Public-Use Data Files (PDF)

Public-Use Data Files are designed to provide general health care information to a wide spectrum of users with minimal controls. The Director of the Bureau of Emergency Medical Services or the Director of the Office of Health Care Statistics can approve a request for a PDF without further review.

Two different public data files are available for 2011 Emergency Department Encounter Data (see page 4 for data elements and file descriptions).

Data Processing and Quality

Data submission: The Office of Health Care Statistics provides data element definitions to ensure all hospitals will report similar data. The Bureau of Emergency Medical Services/Office of Health care Statistics receives quarterly Emergency Department Encounter Data from hospitals in various formats and media. The data are converted into a standardized format.

System Edits: The data are validated through a process of automated editing and report verification. Each record is subjected to a series of edits that check for accuracy, consistency, completeness, and conformity with the definitions specified in the Utah Hospital Emergency Patient Encounter Data Submittal Manual. Records failing the edit check are returned to the data supplier for correction or comment.

Hospital Reviews: Each hospital is provided with a 35-day review period to validate the compiled data against their hospital records. Any inconsistencies discovered by the hospitals are reevaluated or corrected.

Missing Values: When dealing with unknown values, it is important to distinguish between systematic omission by hospitals, i.e., reporting exemption granted for particular data elements, coding problems that deemed the entire data from the hospital as unusable; and non-systematic omission, i.e., coding problems, invalid codes, etc. While systematic omission creates potential bias, non-systematic omission is assumed to occur randomly. The user is advised to examine missing values by hospitals for each data element to be used.

Patient Confidentiality

The Committee has taken considerable efforts to ensure that no individual patient could be identified from the PDF. Patient's age and payers are grouped. The data elements for the following specific conditions are concealed by coding them at the state level: (1) Utah zip codes where there are less than 30 ED encounters per year are coded as the county abbreviation, and out-of-state zip codes where there are less than 30 ED encounters are coded as the state abbreviation, (2) age groups, sex and zip code are encrypted as 66, E, and -6666, respectively, if the patient's Major Diagnosis Code (MDC) is 25 "Human Immunodeficiency Virus Infection" or if the Diagnosis Related Group (DRG) is 433, 521-523 "Alcohol/Drug Abuse or Dependence".

Agreement to Protect Patient Confidentiality

The data collected by the Utah Department of Health may be used only for the purpose of health statistical reporting and analysis or as specified in the user's written request for the data. Any effort to determine the identity of any reported case or any attempt to link this data set with individually identifiable records is prohibited.

Uses of Emergency Department Data

The PDF includes data on charges and length of stay in hours (LOSH). Several factors affect the comparability of charge and LOSH across hospitals, such as case-mix and severity complexity, payer-mix, market areas and hospital ownership, affiliation or teaching status. Any analysis of charge or LOSH at the hospital level should consider the above factors.

Data Format

Fixed ASCII is the standard format for the public data file, on a CD-ROM. Requests for other formats, such as a SAS Dataset, will be considered.

Citation

Any statistical reporting or analysis based on the data shall cite the source as the following:

Utah Emergency Department Encounter Data (2011). Bureau of Emergency Medical Services/Office of Health Care Statistics. Utah Department of Health. Salt Lake City, Utah. 2013.

DRG, MS-DRG and APR-DRG Classification:

The DRG, MS-DRG and APR-DRG fields in the data were generated using:

3M Core Grouping Software for Windows (**Version 2012.1.2**). Wallingford CT, 3M Health Information Systems, **April 2012**.

Specifically, for the APR-DRG, and for the 2011 data, the Core Grouping Software executed the following module:

APR-DRG Grouper(**Versions 28.0 & 29.0**), Wallingford CT, 3M Health Information Systems, October 2010 & October 2011.

The DRG is the original HCFA defined DRG. For all of the 2011 data, the Core Grouping Software generated this using the following module:
CMS Grouper(Version 24.0), Wallingford CT, 3M Information Systems, October 2006.

The MS-DRG is the new HCFA defined DRG starting with V25.0. For all of the 2011 data, the Core Grouping Software generated this using the following modules:

CMS Grouper(**Version 28.0 & 29.0**), Wallingford CT, 3M Information Systems, October 2010 and October 2011.

Redistribution

User shall not redistribute the Utah Emergency Department Encounter Data File in its original format. User shall not redistribute any data products derived from the file without written permission from the Bureau of Emergency Medical Services or Office of Health Care Statistics, Utah Department of Health.

FILE LAYOUT

RECORD LAYOUT OF EMERGENCY DEPARTMENT ENCOUNTER PUBLIC USE DATA FILE I (2011.1)

	DATA ELEMENT	TYPE*	WIDTH	POSITION** From To	EXAMPLE VALUES	Pg
1	Provider identifier (hospital)	Char	3	1 - 3	101, 102, ...	8
2	Patient's age (in categories)	Num	3	4 - 6	0,1,...,21	9
3	Patient's gender	Char	1	7 - 7	M,F	9
4	Source of adm./ Point of Origin					
	Non-newborns	Char	1	8 - 8	0,1,...	9
	Newborns	Char	1	9 - 9	0,1,...	10
5	Length of stay in hours	Num	8	10 - 17	0,1,...	10
6	Patient's discharge status	Char	2	18 - 19	01,02,...	10
7	Patient's postal zip code	Char	5	20 - 24	84000, AZ	11
8	Patient's residential county	Num	3	25 - 27	1,2,...	13
9	Patient cross-county migration	Char	1	28 - 28	Y,N	13
10	Patient's marital status	Char	1	29 - 29	S,M,...	13
11	Patient's race and ethnicity	Char	2	30 - 31	W,WH,...	14
12	Principal diagnosis code	Char	5	32 - 36	8180,81513	14
13	Secondary diagnosis code 1	Char	5	37 - 41	8180,81513	14
14	Secondary diagnosis code 2	Char	5	42 - 46	8180,81513	14
15	Secondary diagnosis code 3	Char	5	47 - 51	8180,81513	14
16	Secondary diagnosis code 4	Char	5	52 - 56	8180,81513	14
17	Principal procedure	Char	4	57 - 60	480,9711	14
18	Secondary procedure 1	Char	4	61 - 64	480,9711	14
19	Secondary procedure 2	Char	4	65 - 68	480,9711	14
20	External cause code (E-code)	Char	5	69 - 73	E8119	33
21	Admission hour	Num	2	74 - 75	00,01,...	33
22	Total charge	Num	10	76 - 85	498.68	31
23	Emergency Department charge	Num	10	86 - 95	498.68	31
24	Primary payer category	Char	2	96 - 97	01,02,...	31
25	Secondary payer category	Char	2	98 - 99	01,02,...	31
26	Third payer category	Char	2	100 - 101	01,02,...	31
27	Patient's relationship to insured	Num	3	102 - 104	1,2,...	31
28	Outlier, total charge	Num	3	105 - 107	0,1	32
29	Outlier, length of stay in hours	Num	3	108 - 110	0,1	32
30	Encounter quarter	Char	1	111 - 111	1,2,3,4	32
31	< blank >		8	112 - 119		
32	Secondary diagnosis code 5	Char	5	120 - 124	8180,81513	14
33	Secondary diagnosis code 6	Char	5	125 - 129	8180,81513	14
34	Secondary diagnosis code 7	Char	5	130 - 134	8180,81513	14
35	Secondary diagnosis code 8	Char	5	135 - 139	8180,81513	14
36	Secondary procedure code 3	Char	4	140 - 143	480,9711	14
37	Secondary procedure code 4	Char	4	144 - 147	480,9711	14
38	Secondary procedure code 5	Char	4	148 - 151	480,9711	14
39	Major diagnostic category (MDC)	Num	2	152 - 153	0,1,...,25	30
40	Principal diagnostic category	Num	3	154 - 156	0,1,...	32
41	Encounter Type	Char	1	157 - 157	o,i	32
42	Record ID number	Num	10	158 - 167	3100216719	32
43	DRG	Num	3	168 - 170	1 - 579	15
44	Patient severity subclass value	Char	1	171 - 171	0 - 4	33
45	Patient risk of mortality value	Char	1	172 - 172	0 - 4	33
46	APR - DRG	Num	3	173 - 175	1 - 956	34
47	MS - DRG	Num	3	176 - 178	1 - 999	40
48	MS - MDC	Num	2	179 - 180	0,1,...,25	54

*Variable Type (if data requested is SAS Dataset): Char=Character, Num=Numeric

**Column position (if data requested is ASCII file)

**RECORD LAYOUT OF EMERGENCY DEPARTMENT ENCOUNTER
PUBLIC USE DATA FILE III (2011.3)**

	DATA ELEMENT	TYPE*	WIDTH	POSITION** From To	EXAMPLE VALUES	Pg
1	Provider identifier (hospital)	Char	3	1 - 3	101, 102, ...	8
2	Patient's age (in categories)	Num	3	4 - 6	0,1,...,21	9
3	Patient's gender	Char	1	7 - 7	M,F	9
4	Length of stay in hours	Num	8	8 - 15	0,1,...	10
5	Patient's discharge status	Char	2	16 - 17	0,1,...	10
6	Patient's residential county	Num	3	18 - 20	1,2,...	13
7	Principal diagnosis code	Char	5	21 - 25	8180,81513	14
8	Principal procedure	Char	4	26 - 29	480,9711	14
9	Secondary procedure 1	Char	4	30 - 33	480,9711	14
10	Secondary procedure 2	Char	4	34 - 37	480,9711	14
11	External cause code (E-code)	Char	5	38 - 42	E8119	33
12	Admission hour	Num	2	43 - 44	00,01,...	33
13	Total charge	Num	10	45 - 54	498.68	31
14	Emergency Department charge	Num	10	55 - 64	498.68	31
15	Primary payer category	Char	2	65 - 66	01,02,..	31
16	< blank >		8	67 - 74		
17	Principal diagnostic category	Num	3	75 - 77	0,1,...	32
18	Encounter Type	Char	1	78 - 78	o,i	32
19	Record ID number	Num	10	79 - 88	3100216719	32

*Variable Type (if data requested is SAS Dataset): Char=Character, Num=Numeric

**Column position (if data requested is ASCII file)

DESCRIPTION OF DATA ELEMENTS

Provider Identifier: (see Appendix A for hospital characteristics)
Hospital from which patient was released.

101 = BEAVER VALLEY HOSPITAL
102 = MILFORD VALLEY MEMORIAL HOSPITAL – CAH
103 = BRIGHAM CITY COMMUNITY HOSPITAL
104 = BEAR RIVER VALLEY HOSPITAL
105 = LOGAN REGIONAL HOSPITAL
106 = CASTLEVIEW HOSPITAL
107 = LAKEVIEW HOSPITAL
108 = DAVIS HOSPITAL & MEDICAL CENTER
109 = UINTAH BASIN MEDICAL CENTER
110 = GARFIELD MEMORIAL HOSPITAL AND CLINICS
111 = ALLEN MEMORIAL HOSPITAL – CAH
112 = VALLEY VIEW MEDICAL CENTER
113 = CENTRAL VALLEY MEDICAL CENTER – CAH
114 = KANE COUNTY HOSPITAL
115 = FILLMORE COMMUNITY MEDICAL CENTER – CAH
116 = DELTA COMMUNITY MEDICAL CENTER – CAH
117 = JORDAN VALLEY HOSPITAL
118 = ALTA VIEW HOSPITAL
119 = COTTONWOOD HOSPITAL MEDICAL CENTER (Closed--Data through 3rd Qtr 2007)
120 = SALT LAKE REGIONAL MEDICAL CENTER
121 = LDS HOSPITAL
122 = PRIMARY CHILDREN'S MEDICAL CENTER
124 = ST. MARK'S HOSPITAL
125 = UNIVERSITY OF UTAH HOSPITALS & CLINICS
126 = PIONEER VALLEY HOSPITAL
128 = SAN JUAN HOSPITAL – CAH
129 = GUNNISON VALLEY HOSPITAL – CAH
130 = SANPETE VALLEY HOSPITAL – CAH
132 = SEVIER VALLEY HOSPITAL
133 = MOUNTAIN WEST MEDICAL CENTER
134 = ASHLEY VALLEY MEDICAL CENTER
135 = OREM COMMUNITY HOSPITAL
136 = AMERICAN FORK HOSPITAL
137 = MOUNTAIN VIEW HOSPITAL
138 = UTAH VALLEY REGIONAL MEDICAL CENTER
139 = HEBER VALLEY MEDICAL CENTER – CAH
140 = DIXIE REGIONAL MEDICAL CENTER
141 = MCKAY-DEE HOSPITAL CENTER
142 = OGDEN REGIONAL MEDICAL CENTER
144 = TIMPANOGOS REGIONAL HOSPITAL
145 = CACHE VALLEY SPECIALTY HOSPITAL (ER-OUT ONLY)
146 = INTERMOUNTAIN MEDICAL CENTER
147 = PARK CITY MEDICAL CENTER
148 = RIVERTON HOSPITAL
307 = THE ORTHOPEDIC SPECIALTY HOSPITAL (2003 ER-INP ONLY)
310 = UNIVERSITY HUNTSMAN CANCER HOSPITAL (ER-INP ONLY)
724 = LONE PEAK EMERGENCY CENTER (ER-OUT ONLY)

Patient's Age (as of last birthday) at the Date of Release

- 0 = 1 - 28 days
- 1 = 29 -365 days
- 2 = 1 - 4 years
- 3 = 5 - 9
- 4 = 10 - 14
- 5 = 15 - 17
- 6 = 18 - 19
- 7 = 20 - 24
- 8 = 25 - 29
- 9 = 30 - 34
- 10 = 35 - 39
- 11 = 40 - 44
- 12 = 45 - 49
- 13 = 50 - 54
- 14 = 55 - 59
- 15 = 60 - 64
- 16 = 65 - 69
- 17 = 70 - 74
- 18 = 75 - 79
- 19 = 80 - 84
- 20 = 85 - 89
- 21 = 90 +
- 66 = Encrypted (confidential data)
- 99 = Unknown
- Blank = Not reported

Patient's Gender

- M = Male
- F = Female
- U = Unknown
- E = Encrypted (confidential data)
- Blank = Not reported

Source of Admission/Point of Origin for Non-Newborns

- 0 = Newborns
- 1 = Physician Referral
The patient was admitted to this facility upon the recommendation of his or her personal physician. (See code 3 if the physician has an HMO affiliation.)
- 2 = Clinic Referral
The patient was admitted to this facility upon recommendation of this facility's clinic physician.
- 3 = HMO referral
The patient was admitted to this facility upon the recommendation of a health maintenance organization (HMO) physician.
- 4 = Transfer from a hospital
The patient was admitted to this facility as a transfer from an acute care facility where he or she was an inpatient.
- 5 = Transfer from a skilled nursing facility
The patient was admitted to this facility as a transfer from a skilled nursing facility where he or she was an inpatient.
- 6 = Transfer from another health care facility
The patient was admitted to this facility as a transfer from a health care facility other than an acute care facility or skilled nursing facility.
- 7 = Emergency Department (**Not a valid code since July 2010**)
The patient was admitted to this facility upon the recommendation of this facility's Emergency Department physician.

8 = Court/Law enforcement

The patient was admitted to this facility upon the direction of a court of law, or upon the request of a law enforcement agency representative.

9 = Information not available

The means by which the patient was admitted to this hospital is not known.

A = Transfer from a critical access hospital

B = Transfer from another HHA

C = Readmission to same HHA

D = Transfer from hospital inpatient in same facility

E = Transfer from Ambulatory Surgery Center

F = Transfer from Hospice and is Under a Hospice Plan of Care or Enrolled in a Hospice Program

Blank = Not reported

Source of Admission/Point of Origin for Newborns

0 = Non newborns

1 = Normal delivery

A baby delivered without complications.

2 = Premature delivery

A baby delivered with time or weight factors qualifying it for premature status.

3 = Sick baby

A baby delivered with medical complications, other than those relating to premature status.

4 = Extramural birth

A baby born in a non-sterile environment.

5 = Born inside this hospital (starting Q4 07)

6 = Born outside this hospital (starting Q4 07)

9 = Information not available.

Blank = Not reported

Length of Stay in hours

Total hours stayed in hospital from the hour of admission to the hour of release.

Blank = Not reported

Patient's Discharge Status

01 = Release to home or self care, routine release

02 = Released/transferred to another short-term general hospital

03 = Released/transferred to skilled nursing facility

04 = Released/transferred to an intermediate care facility

05 = Released/transferred to another type of institution; **starting 04/01/08, pediatric or cancer hospital**

06 = Released/transferred to home under care of organized home health service organization

07 = Left against medical advice

08 = Released/transferred to home under care of a home IV provider

20 = Expired

21 = Released/transferred to Court/Law Enforcement

40 = Expired at home

41 = Expired in a medical facility; i.e. hospital,

skilled nursing facility, intermediate care
 facility, or free standing hospice
 42 = Expired - place unknown
 43 = Discharged to federal facility
 50 = Discharged/transferred to hospice - home
 51 = Discharged/transferred to hospice - medical facility
 61 = Discharged/transferred within institution to
 hospital based medicare swing bed
 62 = Discharged/transferred to another rehab facility
 including distinct part units in hospital
 63 = Discharged/transferred to a long term care hospital
 64 = Discharged/transferred to a nursing facility
 certified under medicaid but not certified under
 medicare
 65 = Discharged/transferred to a psychiatric facility
 66 = Discharged/transferred to a Critical Access Hospital
**70 = Discharged/transferred/referred to another
 institution not defined elsewhere in this code list starting 04/01/08**
 71 = Discharged/transferred/referred to another
 institution for outpatient (as per plan of care)
 72 = Discharged/transferred to this institution
 for outpatient services(as per plan of care)
 09 = Unknown
 Blank = Not reported

Patient's Residential Postal Zip Code

84000-84799 = Zip codes in Utah
 -4444 = Homeless (word homeless or homeless code of ZZZZZ given as address)
 -5555 = Unknown Utah (Unknown/invalid zip code with Utah address)
 (Note: If the city is present in the address but the zip code is not, the zip code variable is
 coded as -5555 while the county variable is coded with the actual county identifier)
 -6666 = Encrypted (confidential data)
 -8888 = Unknown (completely missing address information)
 -9999 = Outside U.S.A. (foreign address)

Helpful Hint: A quick way to identify the city associated with a
 zip code is to use the United States Postal Service website:
http://www.usps.gov/ncsc/lookups/lookup_ctystzip.html

If less than 30 encounters occurred for a Utah zip code area, this zip code was mapped into the
 county code:

Beave = Beaver
 BoxEl = Box Elder
 Cache = Cache
 Carbo = Carbon
 Dagge = Daggett
 Davis = Davis
 Duche = Duchesne
 Emery = Emery
 Garfi = Garfield
 Iron = Iron
 Milla = Millard
 Morga = Morgan
 MulCo = Multi county
 Piute = Piute
 Rich = Rich
 SaltL = Salt Lake

SanJu = San Juan
Sanpe = Sanpete
Sevie = Sevier
Summi = Summit
Tooel = Tooele
Uinta = Uintah
Washi = Washington
Wayne = Wayne
Weber = Weber

If less than 30 encounters occurred for a non-Utah zip code area, this zip code was mapped into the state code:

AL = ALABAMA
AK = ALASKA
AZ = ARIZONA
AR = ARKANSAS
CA = CALIFORNIA
CO = COLORADO
CT = CONNECTICUT
DE = DELAWARE
DC = DISTRICT OF COLUMBIA
FL = FLORIDA
GA = GEORGIA
HI = HAWAII
ID = IDAHO
IL = ILLINOIS
IN = INDIANA
IA = IOWA
KS = KANSAS
KY = KENTUCKY
LA = LOUISIANA
ME = MAINE
MD = MARYLAND
MA = MASSACHUSETTS
MI = MICHIGAN
MN = MINNESOTA
MS = MISSISSIPPI
MO = MISSOURI
MT = MONTANA
NE = NEBRASKA
NV = NEVADA
NH = NEW HAMPSHIRE
NJ = NEW JERSEY
NM = NEW MEXICO
NY = NEW YORK
NC = NORTH CAROLINA
ND = NORTH DAKOTA
OH = OHIO
OK = OKLAHOMA
OR = OREGON
PA = PENNSYLVANIA
RI = RHODE ISLAND
SC = SOUTH CAROLINA
SD = SOUTH DAKOTA
TN = TENNESSEE
TX = TEXAS

UT = UTAH
VT = VERMONT
VA = VIRGINIA
WA = WASHINGTON
WV = WEST VIRGINIA
WI = WISCONSIN
WY = WYOMING
PR = PUERTO RICO
GU = GUAM

Patient's Residential County

1= Box Elder
2= Cache
3= Rich
4= Morgan
5= Weber
6= Davis
7= Salt Lake
8= Summit
9= Tooele
10= Utah
11= Wasatch
12= Daggett
13= Duchesne
14= Uintah
15= Juab
16= Millard
18= Sanpete
17= Piute
19= Sevier
20= Wayne
21= Carbon
22= Emery
23= Grand
24= San Juan
25= Beaver
26= Garfield
27= Iron
28= Kane
29= Washington
30= Multi-County (used in earlier versions of Dataset--the category has been eliminated)
44= Homeless (word homeless or homeless code of ZZZZZ given as address)
55= Unknown Utah (unknown city & zip but Utah in address)
77= Outside Utah (but in U.S.A.)
88= Unknown (completely missing address information)
99= Outside U.S.A. (foreign address)

Patient's Cross-County Migrant Status (hospital in different county than patient residence)

Y = Yes (includes out-of-state, foreign, out-of-county, homeless)
N = No (from same county)
U = Unknown (includes unknown and unknown but Utah residence)

Patient's Marital Status

S = Single
M = Married

X = Legally Separated
D = Divorced
W = Widowed
U = Unknown
P = Life Partner
Blank = Not reported

Patient's Race and Ethnicity

W = White, non-Hispanic origin
WH = White, Hispanic origin
NW = Non-white, Hispanic origin
NH = Non-white, non-Hispanic origin
UK = Unknown
Blank = Not reported

Principal Diagnosis Code

The first four digits of ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 3rd and 4th digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

ICD-9-CM E-Codes and V-Codes might also be found in this field.

The ICD-9-CM diagnosis codes, as well as the E-Codes and V-Codes can be looked up on the Internet at Yaki Technologies' Website
www.eicd.com/eicdmain.htm.

Secondary Diagnosis Code 1 ... Secondary Diagnosis Code 8

Definition and category are the same as the Principal Diagnosis Code.

Principal Procedure Code

The four digits of ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 2nd and 3rd digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

Secondary Procedure Code 1 ... Secondary Procedure Code 5

Definition and category are the same as Principal Procedure Code.

Diagnosis Related Group (DRG) Version 24 (data through 3rd quarter 2007)

1* CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA (prior to 10-1-02)
1* CRANIOTOMY AGE >17 WITH COMPLICATIONS, COMORBIDITIES (beginning 10-1-02)
2* CRANIOTOMY FOR TRAUMA AGE >17 (prior to 10-1-02)
2* CRANIOTOMY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES (beginning 10-1-02)
3 CRANIOTOMY AGE 0-17
4* SPINAL PROCEDURES (prior to 10-1-03; no DRG 4 beginning 10-1-03 when DRGs 531-532 were added)
5* EXTRACRANIAL VASCULAR PROCEDURES (prior to 10-1-03; no DRG 5 beginning 10-1-03 when DRGs 533-534 were added)
6 CARPAL TUNNEL RELEASE
7 PERIPHERAL & CRANIAL NERVE & OTHER NERVE SYSTEM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
8 PERIPHERAL & CRANIAL NERVE & OTHER NERVE SYSTEM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
9 SPINAL DISORDERS & INJURIES
10 NERVOUS SYSTEM NEOPLASMS WITH COMPLICATIONS, COMORBIDITIES
11 NERVOUS SYSTEM NEOPLASMS WITHOUT COMPLICATIONS, COMORBIDITIES
12 DEGENERATIVE NERVOUS SYSTEM DISORDERS
13 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA
14* SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACK (prior to 10-1-02)
14* INTRA CRANIAL HEMORRHAGE AND STROKE WITH INFARCTION (beginning 10-1-02, used to 10-1-04)
14* INTRACRANIAL HEMORRHAGE & STROKE W/ INFARCTION (beginning 10-1-03)
14* INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION (beginning 10-1-04)
15* TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSIONS (prior to 10-1-02)
15* NONSPECIFIC CEREBROVASCULAR AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION (beginning 10-1-02)
16 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH COMPLICATIONS, COMORBIDITIES
17 NONSPECIFIC CEREBROVASCULAR DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
18 CRANIAL & PERIPHERAL NERVE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
19 CRANIAL & PERIPHERAL NERVE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
20* NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS (prior to 10-1-06)
21 VIRAL MENINGITIS
22 HYPERTENSIVE ENCEPHALOPATHY
23 NONTRAUMATIC STUPOR & COMA
24* SEIZURE & HEADACHE AGE >17 WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-06)
25* SEIZURE & HEADACHE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-06)
26 SEIZURE & HEADACHE AGE 0-17
27 TRAUMATIC STUPOR & COMA, COMA >1 HR
28 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 WITH COMPLICATIONS, COMORBIDITIES
29 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
30 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE 0-17
31 CONCUSSION AGE >17 WITH COMPLICATIONS, COMORBIDITIES
32 CONCUSSION AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
33 CONCUSSION AGE 0-17
34 OTHER DISORDERS OF NERVOUS SYSTEM WITH COMPLICATIONS, COMORBIDITIES
35 OTHER DISORDERS OF NERVOUS SYSTEM WITHOUT COMPLICATION, COMORBIDITIES
36 RETINAL PROCEDURES
37 ORBITAL PROCEDURES
38 PRIMARY IRIS PROCEDURES
39 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY
40 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17
41 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17
42 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS

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43 HYPHEMA
44 ACUTE MAJOR EYE INFECTIONS
45 NEUROLOGICAL EYE DISORDERS
46 OTHER DISORDERS OF THE EYE AGE >17 WITH COMPLICATIONS, COMORBIDITIES
47 OTHER DISORDERS OF THE EYE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
48 OTHER DISORDERS OF THE EYE AGE 0-17
49 MAJOR HEAD & NECK PROCEDURES
50 SIALOADENECTOMY
51 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
52 CLEFT LIP & PALATE REPAIR
53 SINUS & MASTOID PROCEDURES AGE >17
54 SINUS & MASTOID PROCEDURES AGE 0-17
55 MISCELLANEOUS EAR, NOSE, MOUTH & THROAT PROCEDURES
56 RHINOPLASTY
57 TONSIL & ADENOID PROCEDURES, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY,
AGE >17
58 TONSIL & ADENOID PROCEDURES, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY,
AGE 0-17
59 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17
60 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE 0-17
61 MYRINGOTOMY WITH TUBE INSERTION AGE >17
62 MYRINGOTOMY WITH TUBE INSERTION AGE 0-17
63 OTHER EAR, NOSE, MOUTH & THROAT OPERATING ROOM PROCEDURES
64 EAR, NOSE, MOUTH & THROAT MALIGNANCY
65 DISEQUILIBRIUM
66 EPISTAXIS
67 EPIGLOTTITIS
68 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE >17 WITH COMPLICATIONS,
COMORBIDITIES
69 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE > 17 WITHOUT
COMPLICATIONS, COMORBIDITIES
70 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE 0-17
71 LARYNGOTRACHEITIS
72 NASAL TRAUMA & DEFORMITY
73 OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES AGE >17
74 OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES AGE 0-17
75 MAJOR CHEST PROCEDURES
76 OTHER RESPIRATORY SYSTEM OPERATING ROOM PROCEDURES WITH COMPLICATIONS,
COMORBIDITIES
77 OTHER RESPIRATORY SYSTEM OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS,
COMORBIDITIES
78 PULMONARY EMBOLISM
79 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 WITH COMPLICATIONS,
COMORBIDITIES
80 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 WITHOUT COMPLICATIONS,
COMORBIDITIES
81 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17
82 RESPIRATORY NEOPLASMS
83 MAJOR CHEST TRAUMA WITH COMPLICATIONS, COMORBIDITIES
84 MAJOR CHEST TRAUMA WITHOUT COMPLICATIONS, COMORBIDITIES
85 PLEURAL EFFUSION WITH COMPLICATIONS, COMORBIDITIES
86 PLEURAL EFFUSION WITHOUT COMPLICATIONS, COMORBIDITIES
87 PULMONARY EDEMA & RESPIRATORY FAILURE
88 CHRONIC OBSTRUCTIVE PULMONARY DISEASE
89 SIMPLE PNEUMONIA & PLEURISY AGE >17 WITH COMPLICATIONS, COMORBIDITIES
90 SIMPLE PNEUMONIA & PLEURISY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
91 SIMPLE PNEUMONIA & PLEURISY AGE 0-17
92 INTERSTITIAL LUNG DISEASE WITH COMPLICATIONS, COMORBIDITIES
93 INTERSTITIAL LUNG DISEASE WITHOUT COMPLICATIONS, COMORBIDITIES
94 PNEUMOTHORAX WITH COMPLICATIONS, COMORBIDITIES

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95 PNEUMOTHORAX WITHOUT COMPLICATIONS, COMORBIDITIES
96 BRONCHITIS & ASTHMA AGE >17 WITH COMPLICATIONS, COMORBIDITIES
97 BRONCHITIS & ASTHMA AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
98 BRONCHITIS & ASTHMA AGE 0-17
99 RESPIRATORY SIGNS & SYMPTOMS WITH COMPLICATIONS, COMORBIDITIES
100 RESPIRATORY SIGNS & SYMPTOMS WITHOUT COMPLICATIONS, COMORBIDITIES
101 OTHER RESPIRATORY SYSTEM DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
102 OTHER RESPIRATORY SYSTEM DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
103* HEART TRANSPLANT (prior to 10-1-04)
103* HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM (beginning 10-1-04)
104* CARDIAC VALVE PROCEDURES WITH CARDIAC CATHETER (prior to 10-1-98)
104* CARDIAC VALVE & OTHER MAJOR CARDIOTHORACIC PROCEDURES WITH CARDIAC CATHETER (beginning 10-1-98)
105* CARDIAC VALVE PROCEDURES WITHOUT CARDIAC CATHETER (prior to 10-1-98)
105* CARDIAC VALVE & OTHER MAJOR CARDIOTHORACIC PROC WITHOUT CARDIAC CATHETER (beginning 10-1-98)
106* CORONARY BYPASS WITH CARDIAC CATHETER (prior to 10-1-98)
106* CORONARY BYPASS WITH PTCA (beginning 10-1-98)
107* CORONARY BYPASS WITHOUT CARDIAC CATHETER (prior to 10-1-98)
107* CORONARY BYPASS WITH CARDIAC CATHETER (beginning 10-1-98; no DRG 107 beginning 10-1-05 when DRGs 547-548 were added)
108 OTHER CARDIOTHORACIC PROCEDURES
109* CORONARY BYPASS WITHOUT CARDIAC CATHETER (beginning 10-1-98; no DRG 109 beginning 10-1-05 when DRGs 549-550 were added)
110 MAJOR CARDIOVASCULAR PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
111 MAJOR CARDIOVASCULAR PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
112* PERCUTANEOUS CARDIOVASCULAR PROCEDURES (prior to 10-1-01; no DRG 112 beginning 10-1-01 when DRGs 516-518 were added)
113 AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB & TOE
114 UPPER LIMB & TOE AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS
115* PERMANENT CARDIAC PACEMAKER IMPLANT WITH ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK (prior to 10-1-97)
115* PERMANENT CARDIAC PACEMAKER IMPLANT WITH ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK, OR AICD LEAD OR GENERATOR PROC (beginning 10-1-97; no DRG 115 beginning 10-1-05 when DRG 551 was added)
116* OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR AICD LEAD OR GENERATOR PROC (prior to 10-1-97)
116* OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA WITH CORONARY ARTERY STENT IMPLANT (between 10-1-97 and 10-1-01)
116* OTHER CARDIAC PACEMAKER IMPLANTATION (beginning 10-1-01; no DRG 116 beginning 10-1-05 when DRG 552 was added)
117 CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT
118 CARDIAC PACEMAKER DEVICE REPLACEMENT
119 VEIN LIGATION & STRIPPING
120 OTHER CIRCULATORY SYSTEM OPERATING ROOM PROCEDURES
121* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION & CARDIOVASCULAR COMPLICATIONS, DISCHARGED ALIVE (prior to 10-1-97)
121* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION & MAJOR COMPLICATION, DISCHARGED ALIVE (beginning 10-1-97)
122* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION WITHOUT CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE (prior to 10-1-97)
122* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION WITHOUT MAJOR COMPLICATION, DISCHARGED ALIVE (beginning 10-1-97)
123 CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION, EXPIRED
124 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION, WITH CARDIAC CATHETER & COMPLEX DIAGNOSES
125 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION, WITH CARDIAC CATHETER WITHOUT COMPLEX DIAGNOSES
126 ACUTE & SUBACUTE ENDOCARDITIS
127 HEART FAILURE & SHOCK

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128	DEEP VEIN THROMBOPHLEBITIS
129	CARDIAC ARREST, UNEXPLAINED
130	PERIPHERAL, VASCULAR DISORDERS WITH COMPLICATIONS, COMORBIDITIES
131	PERIPHERAL VASCULAR DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
132	ATHEROSCLEROSIS WITH COMPLICATIONS, COMORBIDITIES
133	ATHEROSCLEROSIS WITHOUT COMPLICATIONS, COMORBIDITIES
134	HYPERTENSION
135	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
136	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
137	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17
138	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS WITH COMPLICATIONS, COMORBIDITIES
139	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
140	ANGINA PECTORIS
141	SYNCOPE & COLLAPSE WITH COMPLICATIONS, COMORBIDITIES
142	SYNCOPE & COLLAPSE WITHOUT COMPLICATIONS, COMORBIDITIES
143	CHEST PAIN
144	OTHER CIRCULATORY SYSTEM DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
145	OTHER CIRCULATORY SYSTEM DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
146	RECTAL RESECTION WITH COMPLICATIONS, COMORBIDITIES
147	RECTAL RESECTION WITHOUT COMPLICATIONS, COMORBIDITIES
148*	MAJOR SMALL & LARGE BOWEL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-06)
149	MAJOR SMALL & LARGE BOWEL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
150	PERITONEAL ADHESIOLYSIS WITH COMPLICATIONS, COMORBIDITIES
151	PERITONEAL ADHESIOLYSIS WITHOUT COMPLICATIONS, COMORBIDITIES
152	MINOR SMALL & LARGE BOWEL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
153	MINOR SMALL & LARGE BOWEL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
154*	STOMACH, ESOPHAGEAL, & DUODENAL PROCEDURES AGE >17 WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-06)
155	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
156	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17
157	ANAL & STOMAL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
158	ANAL & STOMAL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
159	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 WITH COMPLICATIONS, COMORBIDITIES
160	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
161	INGUINAL & FEMORAL HERNIA PROCEDURES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
162	INGUINAL & FEMORAL HERNIA PROCEDURES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
163	HERNIA PROCEDURES AGE 0-17
164	APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WITH COMPLICATIONS, COMORBIDITIES
165	APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WITHOUT COMPLICATIONS, COMORBIDITIES
166	APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL DIAGNOSIS WITH COMPLICATIONS, COMORBIDITIES
167	APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL DIAGNOSIS WITHOUT COMPLICATIONS, COMORBIDITIES
168	MOUTH PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
169	MOUTH PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
170	OTHER DIGESTIVE SYSTEM OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
171	OTHER DIGESTIVE SYSTEM OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES

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172	DIGESTIVE MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
173	DIGESTIVE MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
174	GASTROINTESTINAL HEMORRHAGE WITH COMPLICATIONS, COMORBIDITIES
175	GASTROINTESTINAL HEMORRHAGE WITHOUT COMPLICATIONS, COMORBIDITIES
176	COMPLICATED PEPTIC ULCER
177	UNCOMPLICATED PEPTIC ULCER WITH COMPLICATIONS, COMORBIDITIES
178	UNCOMPLICATED PEPTIC ULCER WITHOUT COMPLICATIONS, COMORBIDITIES
179	INFLAMMATORY BOWEL DISEASE
180	GASTROINTESTINAL OBSTRUCTION WITH COMPLICATIONS, COMORBIDITIES
181	GASTROINTESTINAL OBSTRUCTION WITHOUT COMPLICATIONS, COMORBIDITIES
182	ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
183	ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
184	ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE 0-17
185	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS AGE >17
186	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE 0-17
187	DENTAL EXTRACTIONS & RESTORATIONS
188	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
189	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
190	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17
191	PANCREAS, LIVER & SHUNT PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
192	PANCREAS, LIVER & SHUNT PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
193	BILIARY TACT PROCEDURES EXCEPT ONLY TOTAL CHOLECYST WITH OR WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
194	BILIARY TRACT PROCEDURES EXCEPT ONLY TOTAL CHOLECYST WITH OR WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
195	CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
196	CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
197	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
198	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
199	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
200	HEPATOBIILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY
201	OTHER HEPATOBIILIARY OR PANCREAS OPERATING ROOM PROCEDURES
202	CIRRHOSIS & ALCOHOLIC HEPATITIS
203	MALIGNANCY OF HEPATOBIILIARY SYSTEM OR PANCREAS
204	DISORDERS OF PANCREAS EXCEPT MALIGNANCY
205	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS, ALCOHOLIC HEPATITIS WITH COMPLICATIONS, COMORBIDITIES
206	DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS, ALCOHOLIC HEPATITIS WITHOUT COMPLICATIONS, COMORBIDITIES
207	DISORDERS OF THE BILIARY TRACT WITH COMPLICATIONS, COMORBIDITIES
208	DISORDERS OF THE BILIARY TRACT WITHOUT COMPLICATIONS, COMORBIDITIES
209*	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY (no DRG 209 beginning 10-1-05 when DRGs 544-545 were added)
210	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
211	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
212	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 0-17
213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DISORDERS
214*	BACK & NECK PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no DRG 214 beginning 10-1-97 when DRGs 497-500 were added)
215*	BACK & NECK PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-07; no DRG 215 beginning 10-1-97 when DRGs 497-500 were added)

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216	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE
217	WOUND DEBRIDEMENT & SKIN GRAFT EXCEPT HAND, FOR MUSCULOSKELETAL & CONNECTIVE TISSUE DISORDERS AGE>17 WITH COMPLICATIONS, COMORBIDITIES
218	LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE>17 COMPLICATIONS, COMORBIDITIES
219	LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE>17 WITHOUT COMPLICATIONS, COMORBIDITIES
220	LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE 0-17
221*	KNEE PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no DRG 221 beginning 10-1-97 when DRGs 501-503 were added)
222*	KNEE PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no DRG 222 beginning 10-1-97 when DRGs 501-503 were added)
223	MAJOR SHOULDER/ELBOW PROCEDURE, OR OTHER UPPER EXTREMITY PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
224	SHOULDER, ELBOW OR FOREARM PROCEDURE, EXCEPT MAJOR JOINT PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
225	FOOT PROCEDURES
226	SOFT TISSUE PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
227	SOFT TISSUE PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
228	MAJOR THUMB OR JOINT PROCEDURE, OR OTHER HAND OR WRIST PROCEDURE WITH COMPLICATIONS, COMORBIDITIES
229	HAND OR WRIST PROCEDURE, EXCEPT MAJOR JOINT PROCEDURE, WITHOUT COMPLICATIONS, COMORBIDITIES
230	LOCAL EXCISION & REMOVAL OF INTERNAL FIXATION DEVICES OF HIP & FEMUR
231*	LOCAL EXCISION & REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP & FEMUR (prior to 10-1-03; no DRG 231 beginning 10-1-03 and DRGs 537-538 were added)
232	ARTHROSCOPY
233	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
234	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
235	FRACTURES OF FEMUR
236	FRACTURES OF HIP & PELVIS
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH
238	OSTEOMYELITIS
239	PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONNECTIVE TISSUE MALIGNANCY
240	CONNECTIVE TISSUE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
241	CONNECTIVE TISSUE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
242	SEPTIC ARTHRITIS
243	MEDICAL BACK PROBLEMS
244	BONE DISEASES & SPECIFIC ARTHROPATHIES WITH COMPLICATIONS, COMORBIDITIES
245	BONE DISEASES & SPECIFIC ARTHROPATHIES WITHOUT COMPLICATIONS, COMORBIDITIES
246	NON-SPECIFIC ARTHROPATHIES
247	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE
248	TENDINITIS, MYOSITIS & BURSITIS
249	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE
250	FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF FOREARM, HAND, FOOT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
251	FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF FOREARM, HAND, FOOT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
252	FRACTURE, SPRAIN, STRAIN & DISLOCATION OF FOREARM, HAND, FOOT AGE 0-17
253	FRACTURE, SPRAIN, STRAIN & DISLOCATION OF UPPER ARM, LOWER LEG EXCEPT FOOT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
254	FRACTURE, SPRAIN, STRAIN & DISLOCATION OF UPPER ARM, LOWER LEG, EXCEPT FOOT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
255	FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF UPPER ARM, LOWER LEG EXCEPT FOOT AGE 0-17
256	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSIS
257	TOTAL MASTECTOMY FOR MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES

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258 TOTAL MASTECTOMY FOR MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
259 SUBTOTAL MASTECTOMY FOR MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
260 SUBTOTAL MASTECTOMY FOR MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
261 BREAST PROCEDURE FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXCISION
262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY
263 SKIN GRAFT &/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITH
 COMPLICATIONS, COMORBIDITIES
264 SKIN GRAFT &/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITHOUT
 COMPLICATIONS, COMORBIDITIES
265 SKIN GRAFT &/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITH
 COMPLICATIONS, COMORBIDITIES
266 SKIN GRAFT &/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITHOUT
 COMPLICATIONS, COMORBIDITIES
267 PERIANAL & PILONIDAL PROCEDURES
268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES
269 OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST PROCEDURES WITH COMPLICATIONS,
 COMORBIDITIES
270 OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST PROCEDURES WITHOUT COMPLICATIONS,
 COMORBIDITIES
271 SKIN ULCERS
272 MAJOR SKIN DISORDERS WITH COMPLICATIONS, COMORBIDITIES
273 MAJOR SKIN DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
274 MALIGNANT BREAST DISORDERS WITH COMPLICATIONS, COMORBIDITIES
275 MALIGNANT BREAST DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
276 NON-MALIGNANT BREAST DISORDERS
277 CELLULITIS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
278 CELLULITIS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
279 CELLULITIS AGE 0-17
280 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE >17 WITH
 COMPLICATIONS, COMORBIDITIES
281 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE >17 WITHOUT
 COMPLICATIONS, COMORBIDITIES
282 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE 0-17
283 MINOR SKIN DISORDERS WITH COMPLICATIONS, COMORBIDITIES
284 MINOR SKIN DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
285 AMPUTATION OF LOWER LIMB FOR ENDOCRINE, NUTRITION & METABOLIC DISORDERS
286 ADRENAL & PITUITARY PROCEDURES
287 SKIN GRAFTS & WOUND DEBRIDEMENT FOR ENDOCRINE, NUTRITION & METABOLIC
 DISORDERS
288 OPERATING ROOM PROCEDURES FOR OBESITY
289 PARATHYROID PROCEDURES
290 THYROID PROCEDURES
291 THYROIDECTOMY PROCEDURES
292 OTHER ENDOCRINE, NUTRITION & METABOLIC OPERATING ROOM PROCEDURES WITH
 COMPLICATIONS, COMORBIDITIES
293 OTHER ENDOCRINE, NUTRITION & METABOLIC OPERATING ROOM PROCEDURES WITHOUT
 COMPLICATIONS, COMORBIDITIES
294 DIABETES AGE >35
295 DIABETES AGE 0-35
296 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE >17 WITH COMPLICATIONS,
 COMORBIDITIES
297 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE >17 WITHOUT
 COMPLICATIONS, COMORBIDITIES
298 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE 0-17
299 INBORN ERRORS OF METABOLISM
300 ENDOCRINE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
301 ENDOCRINE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
302 KIDNEY TRANSPLANT
303 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NEOPLASM
304 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NON-NEOPLASM WITH

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COMPLICATIONS, COMORBIDITIES
305 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NON-NEOPLASM
WITHOUT COMPLICATIONS, COMORBIDITIES
306 PROSTATECTOMY WITH COMPLICATIONS, COMORBIDITIES
307 PROSTATECTOMY WITHOUT COMPLICATIONS, COMORBIDITIES
308 MINOR BLADDER PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
309 MINOR BLADDER PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
310 TRANSURETHRAL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
311 TRANSURETHRAL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
312 URETHRAL PROCEDURES, AGE > 17 WITH COMPLICATIONS, COMORBIDITIES
313 URETHRAL PROCEDURES, AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
314 URETHRAL PROCEDURES, AGE 0-17
315 OTHER KIDNEY & URINARY TRACT OPERATING ROOM PROCEDURES
316 RENAL FAILURE
317 ADMIT FOR RENAL DIALYSIS
318 KIDNEY & URINARY TRACT NEOPLASMS WITH COMPLICATIONS, COMORBIDITIES
319 KIDNEY & URINARY TRACT NEOPLASMS WITHOUT COMPLICATIONS, COMORBIDITIES
320 KIDNEY & URINARY TRACT INFECTIONS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
321 KIDNEY & URINARY TRACT INFECTIONS AGE >17 WITHOUT COMPLICATIONS,
COMORBIDITIES
322 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17
323 URINARY STONES WITH COMPLICATIONS, COMORBIDITIES, &/OR EXTRACORPOREAL SHOCK
WAVE LITHOTRIPSY
324 URINARY STONES WITHOUT COMPLICATIONS, COMORBIDITIES
325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 WITH COMPLICATIONS,
COMORBIDITIES
326 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 WITHOUT COMPLICATIONS,
COMORBIDITIES
327 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17
328 URETHRAL STRICTURE AGE >17 WITH COMPLICATIONS, COMORBIDITIES
329 URETHRAL STRICTURE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
330 URETHRAL STRICTURE AGE 0-17
331 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >17 WITH COMPLICATIONS,
COMORBIDITIES
332 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >17 WITHOUT COMPLICATIONS,
COMORBIDITIES
333 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17
334 MAJOR MALE PELVIC PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
335 MAJOR MALE PELVIC PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
336 TRANSURETHRAL PROSTATECTOMY WITH COMPLICATIONS, COMORBIDITIES
337 TRANSURETHRAL PROSTATECTOMY WITHOUT COMPLICATIONS, COMORBIDITIES
338 TESTES PROCEDURES, FOR MALIGNANCY
339 TESTES PROCEDURES, NON-MALIGNANCY AGE >17
340 TESTES PROCEDURES, NON-MALIGNANCY AGE 0-17
341 PENIS PROCEDURES
342 CIRCUMCISION AGE >17
343 CIRCUMCISION AGE 0-17
344 OTHER MALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES FOR MALIGNANCY
345 OTHER MALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES EXCEPT FOR
MALIGNANCY
346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, WITH COMPLICATIONS, COMORBIDITIES
347 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, WITHOUT COMPLICATIONS, COMORBIDITIES
348 BENIGN PROSTATIC HYPERTROPHY WITH COMPLICATIONS, COMORBIDITIES
349 BENIGN PROSTATIC HYPERTROPHY WITHOUT COMPLICATIONS, COMORBIDITIES
350 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM
351 STERILIZATION, MALE
352 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES
353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RADICAL VULVECTOMY
354 UTERINE, ADNEXA PROCEDURES FOR NON-OVARIAN/ADNEXAL MALIGNANCY
WITH COMPLICATIONS, COMORBIDITIES

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355 UTERINE, ADNEXA PROCEDURES FOR NON-OVARIAN/ADNEXAL MALIGNANCY
WITHOUT COMPLICATIONS, COMORBIDITIES

356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES

357 UTERINE & ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY

358 UTERINE & ADNEXA PROCEDURE FOR NON-MALIGNANCY WITH COMPLICATIONS,
COMORBIDITIES

359 UTERINE & ADNEXA PROCEDURE FOR NON-MALIGNANCY WITHOUT COMPLICATIONS,
COMORBIDITIES

360 VAGINA, CERVIX & VULVA PROCEDURES

361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION

362 ENDOSCOPIC TUBAL INTERRUPTION

363 DILATION & CURETTAGE, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY

364 DILATION & CURETTAGE, CONIZATION EXCEPT FOR MALIGNANCY

365 OTHER FEMALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES

366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM WITH COMPLICATIONS, COMORBIDITIES

367 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM WITHOUT COMPLICATIONS, COMORBIDITIES

368 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM

369 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS

370 CESAREAN SECTION WITH COMPLICATIONS, COMORBIDITIES

371 CESAREAN SECTION WITHOUT COMPLICATIONS, COMORBIDITIES

372 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES

373 VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES

374 VAGINAL DELIVERY WITH STERILIZATION &/OR DILATION & CURETTAGE

375 VAGINAL DELIVERY WITH OPERATING ROOM PROCEDURE EXCEPT STERILIZATION &/OR
DILATION & CURETTAGE

376 POSTPARTUM & POST ABORTION DIAGNOSES WITHOUT OPERATING ROOM PROCEDURE

377 POSTPARTUM & POST ABORTION DIAGNOSES WITH OPERATING ROOM PROCEDURE

378 ECTOPIC PREGNANCY

379 THREATENED ABORTION

380 ABORTION WITHOUT DILATION & CURETTAGE

381 ABORTION WITH DILATION & CURETTAGE, ASPIRATION CURETTAGE OR HYSTEROTOMY

382 FALSE LABOR

383 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS

384 OTHER ANTEPARTUM DIAGNOSES WITHOUT MEDICAL COMPLICATIONS

385 NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY

386 EXTREME IMMATUREITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE

387 PREMATUREITY WITH MAJOR PROBLEMS

388 PREMATUREITY WITHOUT MAJOR PROBLEMS

389 FULL TERM NEONATE WITH MAJOR PROBLEMS

390 NEONATE WITH OTHER SIGNIFICANT PROBLEMS

391 NORMAL NEWBORN

392 SPLENECTOMY AGE >17

393 SPLENECTOMY AGE 0-17

394 OTHER OPERATING ROOM PROCEDURES OF THE BLOOD AND BLOOD FORMING ORGANS

395 RED BLOOD CELL DISORDERS AGE >17

396 RED BLOOD CELL DISORDERS AGE 0-17

397 COAGULATION DISORDERS

398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS WITH COMPLICATIONS, COMORBIDITIES

399 RETICULOENDOTHELIAL & IMMUNITY DISORDERS WITHOUT COMPLICATIONS,
COMORBIDITIES

400* LYMPHOMA & LEUKEMIA WITH MAJOR OPERATING ROOM PROCEDURE (prior to 10-1-03;
no DRG 400 beginning 10-1-03 when DRGs 539-540 were added)

401 LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER OPERATING ROOM PROCEDURES WITH
COMPLICATIONS, COMORBIDITIES

402 LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER OPERATING ROOM PROCEDURES WITHOUT
COMPLICATIONS, COMORBIDITIES

403 LYMPHOMA & NON-ACUTE LEUKEMIA WITH COMPLICATIONS, COMORBIDITIES

404 LYMPHOMA & NON-ACUTE LEUKEMIA WITHOUT COMPLICATIONS, COMORBIDITIES

405 ACUTE LEUKEMIA WITHOUT MAJOR OPERATING ROOM PROCEDURE AGE 0-17

406 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH MAJOR

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OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
407 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH MAJOR
OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
408 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH OTHER
OPERATING ROOM PROCEDURES
409 RADIOTHERAPY
410 CHEMOTHERAPY WITHOUT ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
411 HISTORY OF MALIGNANCY WITHOUT ENDOSCOPY
412 HISTORY OF MALIGNANCY WITH ENDOSCOPY
413 OTHER MYELOPROLIFERATIVE DISEASES OR POORLY DIFFUSED NEOPLASM DIAGNOSES
WITH COMPLICATIONS, COMORBIDITIES
414 OTHER MYELOPROLIFERATIVE DISEASES OR POORLY DIFFUSED NEOPLASM DIAGNOSES
WITHOUT COMPLICATIONS, COMORBIDITIES
415* OPERATING ROOM PROCEDURE FOR INFECTIOUS & PARASITIC DISEASES (prior to 10-
1-06)
416* SEPTICEMIA AGE >17 (prior to 10-1-06)
417 SEPTICEMIA AGE 0-17
418 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS
419 FEVER OF UNKNOWN ORIGIN AGE >17 WITH COMPLICATIONS, COMORBIDITIES
420 FEVER OF UNKNOWN ORIGIN AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
421 VIRAL ILLNESS AGE >17
422 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17
423 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES
424 OPERATING ROOM PROCEDURE WITH PRINCIPAL DIAGNOSES OF MENTAL ILLNESS
425* ACUTE ADJUSTMENT REACTIONS & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION
(prior to 10/01/99)
425* ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION (beginning 10/01/99)
426 DEPRESSIVE NEUROSES
427 NEUROSES EXCEPT DEPRESSIVE
428 DISORDERS OF PERSONALITY & IMPULSE CONTROL
429 ORGANIC DISTURBANCES & MENTAL RETARDATION
430 PSYCHOSES
431 CHILDHOOD MENTAL DISORDERS
432 OTHER MENTAL DISORDER DIAGNOSES
433 ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
434* ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOM TREATMENT
WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-01; no DRG 434 beginning
10-1-01 when DRGs 521-523 were added)
435* ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOM TREATMENT
WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-01; no DRG 435
beginning 10-1-01 when DRGs 521-523 were added)
436* ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY (prior to 10-1-01; no
DRG 436 beginning 10-1-01 when DRGs 521-523 were added)
437* ALCOHOL/DRUG DEPENDENCE, COMBINED REHABILITATION & DETOXIFICATION THERAPY
(prior to 10-1-01; no DRG 437 beginning 10-1-01 when DRGs 521-523 were
added)
439 SKIN GRAFTS FOR INJURIES
440 WOUND DEBRIDEMENTS FOR INJURIES
441 HAND PROCEDURES FOR INJURIES
442 OTHER OPERATING ROOM PROCEDURES FOR INJURIES WITH COMPLICATIONS,
COMORBIDITIES
443 OTHER OPERATING ROOM PROCEDURES FOR INJURIES WITHOUT COMPLICATIONS,
COMORBIDITIES
444 TRAUMATIC INJURY AGE >17 WITH COMPLICATIONS, COMORBIDITIES
445 TRAUMATIC INJURY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
446 TRAUMATIC INJURY AGE 0-17
447 ALLERGIC REACTIONS AGE >17
448 ALLERGIC REACTIONS AGE 0-17
449 POISONING & TOXIC EFFECTS OF DRUGS AGE >17 WITH COMPLICATIONS,
COMORBIDITIES

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450 POISONING & TOXIC EFFECTS OF DRUGS AGE >17 WITHOUT COMPLICATIONS,
COMORBIDITIES

451 POISONING & TOXIC EFFECTS OF DRUGS AGE 0-17

452 COMPLICATIONS OF TREATMENT WITH COMPLICATIONS, COMORBIDITIES

453 COMPLICATIONS OF TREATMENT WITHOUT COMPLICATIONS, COMORBIDITIES

454 OTHER INJURY, POISONING & TOXIC EFFECT DIAGNOSES WITH COMPLICATIONS,
COMORBIDITIES

455 OTHER INJURY, POISONING & TOXIC EFFECT DIAGNOSES WITHOUT COMPLICATIONS,
COMORBIDITIES

456* BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY (prior to 10-1-98; no
DRG 456 beginning 10-1-98 when DRGs 504-511 were added)

457* EXTENSIVE BURNS WITHOUT OPERATING ROOM PROCEDURE (prior to 10-1-98; no
DRG 457 beginning 10-1-98 when DRGs 504-511 were added)

458* NON-EXTENSIVE BURNS WITH SKIN GRAFT (prior to 10-1-98; no
DRG 458 beginning 10-1-98 when DRGs 504-511 were added)

459* NON-EXTENSIVE BURNS WITH WOUND DEBRIDEMENT OR OTHER OPERATING ROOM
PROCEDURE (prior to 10-1-98; no DRG 459 beginning 10-1-98 when DRGs 504-
511 were added)

460* NON-EXTENSIVE BURNS WITHOUT OPERATING ROOM PROCEDURE (prior to 10-1-98; no
DRG 460 beginning 10-1-98 when DRGs 504-511 were added)

461 OPERATING ROOM PROCEDURE WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH
SERVICES

462 REHABILITATION

463 SIGNS & SYMPTOMS WITH COMPLICATIONS, COMORBIDITIES

464 SIGNS & SYMPTOMS WITHOUT COMPLICATIONS, COMORBIDITIES

465 AFTERCARE WITH HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS

466 AFTERCARE WITHOUT HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS

467 OTHER FACTORS INFLUENCING HEALTH STATUS

468 EXTENSIVE OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS

469 PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS

470 UNGROUPABLE

471 BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY

472* EXTENSIVE BURNS WITH OPERATING ROOM PROCEDURE (prior to 10-1-98; no DRG
472 beginning 10-1-05 when DRG 553 was added)

473 ACUTE LEUKEMIA WITHOUT MAJOR OPERATING ROOM PROCEDURE AGE >17

475* RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT (prior to 10-1-06)

476 PROSTATIC OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS

477 NON-EXTENSIVE OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS

478* OTHER VASCULAR PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-
1-05; no DRG 478 beginning 10-1-05 when DRGs 553-554 were added)

479 OTHER VASCULAR PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES

480* LIVER TRANSPLANT (prior to 10-1-04)

480* LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT (beginning 10-1-04)

481 BONE MARROW TRANSPLANT

482 TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES

483* TRACHEOSTOMY EXCEPT FOR FACE, MOUTH, & NECK DIAGNOSES (prior to 10-1-02)

483* TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+ HOURS OR PRINCIPAL DIAGNOSIS
EXCEPT FACE, MOUTH, & NECK (beginning 10-1-02, used to 10-1-04)

483* TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+ HOURS OR PRINCIPAL DIAGNOSIS
EXCEPT FACE, MOUTH, AND NECK DIAGNOSES (prior to 10-1-04; no DRG 483
beginning 10-1-04 when DRGs 541-542 were added)

484 CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA

485 LIMB REATTACHMENT, HIP AND FEMUR PROCEDURE FOR MULTIPLE SIGNIFICANT TRAUMA

486 OTHER OPERATING ROOM PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA

487 OTHER MULTIPLE SIGNIFICANT TRAUMA

488 HIV WITH EXTENSIVE OPERATING ROOM PROCEDURE

489 HIV WITH MAJOR RELATED CONDITION

490 HIV WITH OR WITHOUT OTHER RELATED CONDITION

491 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY

492* CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS (prior to 10-1-03)

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- 492* CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS OR WITH USE OF HIGH-DOSE CHEMOTHERAPY AGENT (beginning 10-1-03)
- 493 LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
- 494 LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
- 495 LUNG TRANSPLANT
- 496* COMBINED ANTERIOR/POSTERIOR SPINAL FUSION (added 10-1-97)
- 497* SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (between 10-1-97 and 10-1-01)
- 497* SPINAL FUSION EXCEPT CERVICAL WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 498* SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (between 10-1-97 and 10-1-01)
- 498* SPINAL FUSION EXCEPT CERVICAL WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 499* BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
- 500* BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
- 501* KNEE PROCEDURES W PDX OF INFECTION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
- 502* KNEE PROCEDURES W PDX OF INFECTION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
- 503* KNEE PROCEDURES WITHOUT PDX OF INFECTION (added 10-1-97)
- 504* EXTENSIVE 3rd DEGREE BURNS WITH SKIN GRAFT (added 10-1-98, used to 10-1-04)
- 504* EXTENSIVE BURNS OR FULL THICKNESS BURNS WITH MECHANICAL VENTILATION 96+ HOURS WITH SKIN GRAFT (beginning 10-1-04)
- 505* EXTENSIVE BURNS OR FULL THICKNESS BURNS WITHOUT SKIN GRAFT (added 10-1-98, used to 10-1-04)
- 505* EXTENSIVE BURNS OR FULL THICKNESS BURNS WITH MECHANICAL VENTILATION 96+ HOURS WITHOUT SKIN GRAFT (beginning 10-1-04)
- 506* FULL THICKNESS BURN WITH SKIN GRAFT OR INHALATION INJURY WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 507* FULL THICKNESS BURN WITH SKIN GRAFT OR INHALATION INJURY WITHOUT CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 508* FULL THICKNESS BURN WITHOUT SKIN GRAFT OR INHALATION INJURY WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 509* FULL THICKNESS BURN WITHOUT SKIN GRAFT OR INHALATION INJURY WITHOUT CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 510* NON-EXTENSIVE BURNS WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 511* NON-EXTENSIVE BURNS WITHOUT CC OR SIGNIFICANT TRAUMA (added 10-1-98)
- 512* SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT (added 10-1-01)
- 513* PANCREAS TRANSPLANTS (added 10-1-01)
- 514* CARDIAC DEFIBRILLATOR IMPLANT WITH CARDIAC CATHETERIZATION (added 10-1-01; no DRG 514 beginning 10-1-03 when replaced by DRG 535-DRG 536)
- 515* CARDIAC DEFIBRILLATOR IMPLANT WITHOUT CARDIAC CATHETERIZATION (added 10-1-01)
- 516* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITH ACUTE MYOCARDIAL INFARCTION (added 10-1-01; no DRG 516 beginning 10-1-05 when DRG 555 was added)
- 517* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITHOUT ACUTE MYOCARDIAL INFARCTION, WITH CORONARY ARTERY STENT IMPLANT (added 10-1-01; no DRG 517 beginning 10-1-05 when DRG 556 was added)
- 518* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITHOUT ACUTE MYOCARDIAL INFARCTION, WITHOUT CORONARY ARTERY STENT IMPLANT (added 10-1-01)
- 519* CERVICAL SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 520* CERVICAL SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 521* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)

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- 522* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITH REHABILITATION THERAPY WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 523* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
- 524* TRANSIENT ISCHEMIA (added 10-1-02)
- 525* HEART ASSIST SYSTEM IMPLANT (added 10-1-02, used to 10-1-04)
- 525* OTHER HEART ASSIST SYSTEM IMPLANT (beginning 10-1-04)
- 526* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH DRUG-ELUDING STENT WITH ACUTE MYOCARDIAL INFARCTION (added 04-1-03; no DRG 526 beginning 10-1-05 when DRG 557 was added)
- 527* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH DRUG-ELUDING STENT WITHOUT ACUTE MYOCARDIAL INFARCTION (added 04-1-03; no DRG 527 beginning 10-1-05 when DRG 558 was added)
- 528* INTRA CRANIAL VASCULAR PROCEDURE WITH PRINCIPAL DIAGNOSIS OF HEMORRHAGE (added 10-1-03)
- 529* VENTRICULAR SHUNT PROCEDURES WITH CC (added 10-1-03)
- 530* VENTRICULAR SHUNT PROCEDURES WITHOUT CC (added 10-1-03)
- 531* SPINAL PROCEDURES WITH CC (added 10-1-03)
- 532* SPINAL PROCEDURES WITHOUT CC (added 10-1-03)
- 533* EXTRACRANIAL VASCULAR PROCEDURES WITH CC (added 10-1-03)
- 534* EXTRACRANIAL VASCULAR PROCEDURES WITHOUT CC (added 10-1-03)
- 535* CARDIAC DEFIBRILLATOR IMPLANT WITH CARDIAC CATHETERIZATION WITH ACUTE MYOCARDIAL INFARCTION (AMI), HEART FAILURE OR SHOCK (added 10-1-03)
- 536* CARDIAC DEFIBRILLATOR IMPLANT WITH CARDIAC CATHETERIZATION WITHOUT ACUTE MYOCARDIAL INFARCTION (AMI), HEART FAILURE OR SHOCK (added 10-1-03)
- 537* LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR WITH CC (added 10-1-03)
- 538* LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR WITHOUT CC (added 10-1-03)
- 539* LYMPHOMA AND LEUKEMIA WITH MAJOR O.R. PROCEDURE WITH CC (added 10-1-03)
- 540* LYMPHOMA AND LEUKEMIA WITH MAJOR O.R. PROCEDURE WITHOUT CC (added 10-1-03)
- 541* ECMO OR TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+ HOURS OR PRINCIPAL DIAGNOSES EXCEPT FACE, MOUTH AND NECK DIAGNOSES WITH MAJOR OPERATING ROOM PROCEDURE (added 10-1-04)
- 542* TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+ HOURS OR PRINCIPAL DIAGNOSIS EXCEPT FACE, MOUTH AND NECK DIAGNOSES WITHOUT MAJOR OPERATING ROOM PROCEDURE (added 10-1-04)
- 543* CRANIOTOMY WITH IMPLANT OF CHEMO AGENT OR ACUTE COMPLEX CNS PRINCIPAL DIAGNOSIS (added 10-1-04)
- 543* CRANIOTOMY WITH MAJOR DEVICE IMPLANT OR ACUTE COMPLEX CNS PRINCIPAL DIAGNOSIS (added 10-1-04 until 10-1-06)
- 544* MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY (added 10-1-05)
- 545* REVISION OF HIP OR KNEE REPLACEMENT (added 10-1-05)
- 546* SPINAL FUSIONS EXCEPT CERVICAL WITH CURVATURE OF THE SPINE OR MALIGNANCY (added 10-1-05)
- 547* CORONARY BYPASS WITH CARDIAC CATHETERIZATION WITH MCV DIAGNOSIS (added 10-1-05)
- 548* CORONARY BYPASS WITH CARDIAC CATHETERIZATION WITHOUT MCV DIAGNOSIS (added 10-1-05)
- 549* CORONARY BYPASS WITHOUT CARDIAC CATHETERIZATION WITH MCV DIAGNOSIS (added 10-1-05)
- 550* CORONARY BYPASS WITHOUT CARDIAC CATHETERIZATION WITHOUT MCV DIAGNOSIS (added 10-1-05)
- 551* PERMANENT CARDIAC PACEMAKER IMPLANT WITH MCV DIAGNOSIS OR AICD LEAD OR GENERATOR (added 10-1-05)
- 552* OTHER PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT MCV DIAGNOSIS (added 10-1-05)
- 553* OTHER VASCULAR PROCEDURES WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-05)
- 554* OTHER VASCULAR PROCEDURES WITHOUT COMPLICATIONS AND COMORBIDITIES (added

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10-1-05)
555* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH MCV DIAGNOSIS (added 10-1-05)
556* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH NON DRUG-ELUTING STENT WITHOUT MCV DIAGNOSIS (added 10-1-05)
557* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH NON DRUG-ELUTING STENT WITH MCV DIAGNOSIS (added 10-1-05)
558* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH NON DRUG-ELUTING STENT WITH MCV DIAGNOSIS (added 10-1-05)
559* ACUTE ISCHEMIC STROKE WITH USE OF THROMBOLYTIC AGENT (added 10-1-05)
560* BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM (added 10-1-06)
561* NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS (added 10-1-06)
562* SEIZURE AGE >17 W COMPLICATIONS & COMORBIDITIES (added 10-1-06)
563* SEIZURE AGE >17 WITHOUT COMPLICATIONS & COMORBIDITIES (added 10-1-06)
564* HEADACHES >17 (added 10-1-06)
565* RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT 96+ HRS (added 10-1-06)
566* RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT <96 HRS (added 10-1-06)
567* STOMACH, ESOPHAGEAL & DUODENAL PROC AGE >17 W CC W MAJOR GI DX (added 10-1-06)
568* STOMACH, ESOPHAGEAL & DUODENAL PROC AGE >17 WCC W/O MAJOR GI DX (added 10-1-06)
569* MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W MAJOR GI DX (added 10-1-06)
570* MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W/O MAJOR GI DX (added 10-1-06)
571* MAJOR ESOPHAGEAL DISORDERS (added 10-1-06)
572* MAJOR GASTROINTESTINAL DISORDERS AND PERITONEAL INFECTIONS (added 10-1-06)
573* MAJOR BLADDER PROCEDURES (added 10-1-06)
574* MAJOR HEMATOLOGIC/IMMUNOLOGIC DX EXCEP SCYLE CELL CRISIS & COAG (added 10-1-06)
575* SEPTICEMIA W MECHANICAL VENTILATOR 96+ HOURS AGE >17 (added 10-1-06)
576* SEPTICEMIA W MECHANICAL VENTILATOR W/O 96+ HOURS AGE >17 (added 10-1-06)
577* CAROTID ARTERY STENT PROCEDURE (added 10-1-06)
578* INFECTIOUS & PARASITIC DISEASES W OR PROCEDURE (added 10-1-06)
579* POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W OR PROCEDURE (added 10-1-06)

*Change made in DRG classification. Hospitals provided the Office of Health Care Statistics (OHCS) with ICD-9-CM codes, rather than DRGs, so there was no need for the hospitals to be aware of DRG changes. The DRG was assigned by OHCS using 3M software (reference given on page 3) which classified the hospital discharge into a DRG based on the ICD-9-CM codes and other data such as age. OHCS accounted for DRG changes by using the DRG definitions which applied to the date of hospital discharge.

Major Diagnosis Category (MDC) *

- 0 = Ungroupable
- 1 = Nervous System
- 2 = Eye
- 3 = Ear, Nose, Mouth & Throat
- 4 = Respiratory System
- 5 = Circulatory System
- 6 = Digestive System
- 7 = Hepatobiliary System & Pancreas
- 8 = Musculoskeletal System & Connective Tissue
- 9 = Skin, Subcutaneous Tissue & Breast
- 10 = Endocrine, Nutritional & Metabolic System
- 11 = Kidney & Urinary Tract
- 12 = Male Reproductive System
- 13 = Female Reproductive System

- 14 = Pregnancy, Childbirth & the Puerperium
- 15 = Newborn & Other Neonates (Perinatal Period)
- 16 = Blood and Blood-Forming Disorders
- 17 = Myeloproliferative DDs (Diff Neoplasms)
- 18 = Infectious and Parasitic DDs
- 19 = Mental Diseases and Disorders
- 20 = Alcohol/Drug Use or Induced Mental Disorders
- 21 = Injuries, Poisoning and Toxic Effect of Drugs
- 22 = Burns
- 23 = Factors Influencing Health Status
- 24 = Multiple Significant Trauma
- 25 = Human Immunodeficiency Virus Infection

*Patients having heart, liver, lung, simultaneous pancreas/kidney, pancreas, or bone marrow transplants, or tracheostomies, traditionally categorized as PRE MDC (0), are assigned by the DRG Grouper into the following DRGs independent of the MDC of the principal diagnosis: 476, 477, 480-483, 495, 512, 513. DRGs (468,469,470) associated with all MDCs are assigned independent of the MDC of the principal diagnosis if the diagnosis is valid. Otherwise, this is the traditional Health Care Financing Administration (HCFA) MDC.

Total Charge

Total dollars and cents amount charged for the encounter (with 2 decimal digits).

. = Not reported

Emergency Department Charge

Sum of dollar and cent amounts charged for the encounter using the National Uniform Billing Committee's (NUBC) revenue codes 450 and 451 (with 2 decimal digits).

. = Not reported

Primary Payer Category

- 01 = Medicare
- 02 = Medicaid
- 03 = Other government
- 04 = Blue Cross/Blue Shield
- 05 = Other commercial
- 06 = Managed care
- 07 = Self pay
- 08 = Industrial and worker's compensation
- 09 = Charity/Unclassified
- 10 = Unknown
- 13 = CHIP (Children's Health Insurance Plan)
- 99 = Not reported

Secondary Payer Category Third Payer Category

Descriptions are the same as primary payer category.

Third Payer Category

Descriptions are the same as primary payer category.

Patient's Relationship to the First Insured Person

(Starting with 2010 Data we have moved fully to the UB-04 coding below, previous datasets varied by hospital between UB-04 and UB-92 formats)
newer UB-04 coding

01 Spouse
 04 Grandfather or Grandmother
 05 Grandson or Granddaughter
 07 Nephew or Niece
 09 Unknown/Other Relationship
 10 Foster Child
 15 Ward of the Court. This code indicates that the patient is a ward of the insured as a result of a court order.
 17 Stepson or Stepdaughter
 18 Self
 19 Child
 20 Employee
 21 Unknown
 22 Handicapped Dependent
 23 Sponsored Dependent
 24 Dependent of Minor Dependent
 29 Significant Other
 32 Mother
 33 Father
 36 Emancipated Minor
 39 Organ Donor
 40 Cadaver Donor
 41 Injured Plaintiff
 43 Child Where Insured Has No Financial Responsibility
 53 Life Partner

older UB-92 coding

1 = Patient is the named insured
 2 = Spouse
 3 = Natural Child/insured has financial responsibility
 4 = Natural Child/insured does not have financial responsibility
 5 = Step Child
 6 = Foster Child
 7 = Ward of the Court (Patient is ward of the insured as a result of a court order.)
 8 = Employee (The patient is employed by the named insured.)
 9 = Unknown
 10 = Handicapped Dependent (Dependent child whose coverage extends beyond normal termination age limits as a result of laws or agreements extending coverage.)
 11 = Organ Donor (Code is used in cases where bill is submitted for care given to organ donor where such care is paid by the receiving patient's insurance coverage.)
 12 = Cadaver Donor (Code is used where bill is submitted for procedures performed on a cadaver donor where such procedures are paid by the receiving patient's insurance coverage.)
 13 = Grandchild
 14 = Niece or Nephew
 15 = Injured Plaintiff (Patient is claiming insurance as a result of injury covered by insured.)
 16 = Sponsored Dependent (Individual not normally covered by insurance coverage but coverage has been specially arranged to include relationships such as grandparent or former spouse that would require further investigation by the payer.)
 17 = Minor Dependent of a Minor Dependent (Code is used where patient is a minor and a dependent of another minor who in turn is a dependent, although not a child, of the insured.)
 18 = Parent
 19 = Grandparent
 20 = Life Partner
 blank = Not reported

Record ID Number

A unique number for each discharge, which is also unique across all years that inpatient discharge data are available.

Outlier, Total Charge

0 = No
1 = Yes

NOTE: A charge is an outlier if it is above 2.5 standard deviations from the mean of facility charges. Means and standard deviations are APR-DRG specific and calculated at the state level for a calendar year.

Outlier, Length of Stay in hours

0 = No
1 = Yes

NOTE: A length of stay is an outlier if it is above 2.5 standard deviations from the mean of the length of stay. Means and standard deviations are APR-DRG specific and calculated at the state level for a calendar year. **Not currently available in dataset.**

Encounter Quarter

1 = First Quarter (January 1 to March 31)
2 = Second Quarter (April 1 to June 30)
3 = Third Quarter (July 1 to September 30)
4 = Fourth Quarter (October 1 to December 31)

Record ID Number

A unique number for each encounter, which is also unique across all years that ED data are available.

Encounter Type

o = ED Outpatient Visit
i = ED Inpatient Admission

Principal Diagnostic CategoryICD-9 Range

1 = Diabetes	250.0-250.9
2 = Otitis media and Eustachian tube disorders	381-382
3 = Heart dis. excl. ischemic	391-392.0, 393-398, 402, 404, 415, 416, 420-429
4 = Acute upper respiratory inf., excl. pharyngitis	460-461, 463-466
5 = Acute pharyngitis	462
6 = Pneumonia	480-486
7 = Chronic and unspecified bronchitis	490-491
8 = Asthma	493
9 = Noninfectious enteritis and colitis	555-558
10 = Urinary tract infection, site not specified	599.0
11 = Dorsopathies	720-724
12 = Rheumatism, excluding back	725-729
13 = Convulsions	780.3
14 = Headache and migraine	784.0, 346.90
15 = Chest pain	786.5
16 = Abdominal pain	789.0
17 = Fractures, excluding lower limb	800-819
18 = Fracture of lower limb	820-829
19 = Sprains and strains, excluding ankle and back	840-844, 845.1, 848
20 = Sprains and strains of ankle	845.0
21 = Sprains and strains of back	846-847
22 = Open wound of head	870-873

23 = Open wound, excluding head	874-897
24 = Superficial injury	910-919
25 = Contusion with intact skin surface	920-924
99 = All other	

External Cause Code (E-Code)

Supplementary classification of External Causes of Injury and Poisoning. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 3rd and 4th digit (decimal point is part of ICD-9-CM E-code but has been stripped out of data).

Blank = Not reported

The ICD-9-CM E-codes can be looked up on the Internet at Yaki Technologies' Website
www.eicd.com/eicdmain.htm.

Admission Hour

The hour during which the patient arrived at the Emergency Department (using the 24 hour clock format).

Patient Severity Subclass Value

- 0 = No value assigned (record is ungroupable into a APR-DRG)
- 1 = Minor severity of illness subclass
- 2 = Moderate severity of illness subclass
- 3 = Major severity of illness subclass
- 4 = Extreme severity of illness subclass

Note: Patient severity subclass value should be used as a subcategory of the APR-DRG.

Patient Risk of Mortality Value

- 0 = No value assigned (record is ungroupable into a APR-DRG)
- 1 = Minor risk of mortality
- 2 = Moderate risk of mortality
- 3 = Major risk of mortality
- 4 = Extreme risk of mortality

Note: Patient risk of mortality value should be used as a subcategory of the APR-DRG.

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

001* Liver transplant (until 10/1/06)
001* Liver transplant and/or intestinal transplant (after 10/1/06)
002 Heart &/or lung transplant
003 Bone marrow transplant
004* Tracheostomy with long term mechanical ventilation w extensive procedure
(until 10/1/06)
004* ECMO or tracheostomy with long term mechanical ventilation w extensive
procedure (after 10/1/06)
004* Tracheostomy with mechanical ventilation 96+ hours w extensive
procedure or ECMO (after 10/1/07)
005* Tracheostomy with long term mechanical ventilation w/o extensive procedure
(until 10/1/07)
005* Tracheostomy with mechanical ventilation 96+ hours w/o extensive procedure
(after 10/1/07)
006 Pancreas transplant
020 Craniotomy for trauma
021 Craniotomy except for trauma
022 Ventricular shunt procedures
023 Spinal procedures
024 Extracranial vascular procedures
026 Other nervous system and related procedures
040 Spinal disorders & injuries
041 Nervous system malignancy
042 Degenerative nervous system disorders exc mult sclerosis
043 Multiple sclerosis & other demyelinating diseases
044 Intracranial hemorrhage
045 CVA & precerebral occlusion w infarct
046 Nonspecific CVA & precerebral occlusion w/o infarct
047 Transient ischemia
048 Peripheral, cranial & autonomic nerve disorders
049 Bacterial & tuberculous infections of nervous system
050 Non-bacterial infections of nervous system exc viral meningitis
051 Viral meningitis
052 Nontraumatic stupor & coma
053 Seizure
054 Migraine & other headaches
055 Head trauma w coma >1 hr or hemorrhage
056 Brain contusion/laceration & complicated skull fx, coma <1 hr or no coma
057 Concussion, closed skull fx nos, uncomp intracr injury, coma <1 hr or no coma
058 Other disorders of nervous system
070 Orbital procedures
073 Eye procedures except orbit
080 Acute major eye infections
082 Eye disorders except major infections
089 Major cranial/facial bone procedures
090 Major larynx & tracheal procedures
091 Other major head & neck procedures
092 Facial bone procedures except major cranial/facial bone procedures
093 Sinus & mastoid procedures
095 Cleft lip & palate repair
097 Tonsil & adenoid procedures
098 Other ear, nose, mouth & throat procedures
110 Ear, nose, mouth, throat cranial/facial malignancies
111 Vertigo & other labyrinth disorders
113 Infections of upper respiratory tract
114 Dental & oral disease
115 Other ear, nose, mouth, throat & cranial/facial diagnoses
120 Major respiratory & chest procedures
121 Other respiratory & chest procedures
130 Respiratory system diagnosis w ventilator support 96+ hours

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

131 Cystic fibrosis - pulmonary disease
132 Bpd & oth chronic respiratory dis arising in perinatal period
133 Pulmonary edema & respiratory failure
134 Pulmonary embolism
135 Major chest & respiratory trauma
136 Respiratory malignancy
137 Major respiratory infections & inflammations
138 Bronchiolitis & rsv pneumonia
139 Other pneumonia
140 Chronic obstructive pulmonary disease
141 Asthma
142 Interstitial lung disease
143 Other respiratory diagnoses except signs, symptoms & minor diagnoses
144 Respiratory system signs, symptoms & other diagnoses
160 Major cardiothoracic repair of heart anomaly
161 Cardiac defibrillator & heart assist implant
162 Cardiac valve procedures w cardiac catheterization
163 Cardiac valve procedures w/o cardiac catheterization
165 Coronary bypass w cardiac cath or percutaneous cardiac procedure
166 Coronary bypass w/o cardiac cath or percutaneous cardiac procedure
167 Other cardiothoracic procedures
169 Major thoracic & abdominal vascular procedures
170 Permanent cardiac pacemaker implant w AMI, heart failure or shock
171 Perm cardiac pacemaker implant w/o AMI, heart failure or shock
173 Other vascular procedures
174 Percutaneous cardiovascular procedures w AMI
175 Percutaneous cardiovascular procedures w/o AMI
176 Cardiac pacemaker & defibrillator device replacement
177 Cardiac pacemaker & defibrillator revision except device replacement
180 Other circulatory system procedures
190 Acute myocardial infarction
191 Cardiac catheterization w circ disord exc ischemic heart disease
192 Cardiac catheterization for ischemic heart disease
193 Acute & subacute endocarditis
194 Heart failure
196 Cardiac arrest
197 Peripheral & other vascular disorders
198 Angina pectoris & coronary atherosclerosis
199 Hypertension
200 Cardiac structural & valvular disorders
201 Cardiac arrhythmia & conduction disorders
203 Chest pain
204 Syncope & collapse
205 Cardiomyopathy
206 Malfunction, reaction & comp of cardiac/vasc device or proc
207 Other circulatory system diagnoses
220 Major stomach, esophageal & duodenal procedures
221 Major small & large bowel procedures
222 Other stomach, esophageal & duodenal procedures
223 Other small & large bowel procedures
224 Peritoneal adhesiolysis
225 Appendectomy
226 Anal procedures
227 Hernia procedures except inguinal, femoral & umbilical
228 Inguinal, femoral & umbilical hernia procedures
229 Other digestive system & abdominal procedures
240 Digestive malignancy
241 Peptic ulcer & gastritis
242 Major esophageal disorders
243 Other esophageal disorders

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

244 Diverticulitis & diverticulosis
245 Inflammatory bowel disease
246 Gastrointestinal vascular insufficiency
247 Intestinal obstruction
248 Major gastrointestinal & peritoneal infections
249 Nonbacterial gastroenteritis, nausea & vomiting
251 Abdominal pain
252 Malfunction, reaction & complication of GI device or procedure
253 Other & unspecified gastrointestinal hemorrhage
254 Other digestive system diagnosis
260 Major pancreas, liver & shunt procedures
261 Major biliary tract procedures
262 Cholecystectomy except laparoscopic
263 Laparoscopic cholecystectomy
264 Other hepatobiliary & pancreas procedures
279 Hepatic coma & other major acute liver disorders
280 Alcoholic liver disease
281 Malignancy of hepatobiliary system & pancreas
282 Disorders of pancreas except malignancy
283 Other disorders of liver
284 Disorders of the gall bladder & biliary tract
301 Hip joint replacement
302 Knee joint replacement
303 Dorsal & lumbar fusion proc for curvature of back
304 Dorsal & lumbar fusion proc except for curvature of back
305 Amputation of lower limb except toes
308 Hip & femur procedures for trauma except joint replacement
309 Hip & femur procedures for nontrauma except joint replacement
310 Intervertebral disc excision & decompression
312 Skin graft except hand, for musculoskeletal & connective tissue diagnosis
313 Knee & lower leg procedures except foot
314 Foot & toe procedures
315 Shoulder, elbow & forearm procedures
316 Hand & wrist procedures
317 Tendon, muscle & other soft tissue procedures
320 Other musculoskeletal system & connective tissue procedures
321 Cervical spinal fusion & other back/neck procedures except disc excision/dec
340 Fracture of femur
341 Fracture of pelvis or dislocation of hip
342 Fracture or dislocation except femur, pelvis & back
343 Musculoskeletal malignancy & pathological fractures d/t muscskel malig
344 Osteomyelitis, septic arthritis & other musculoskeletal infections
346 Connective tissue disorders
347 Other back & neck disorders, fractures & injuries
349 Malfunction, reaction & complications of orthopedic device or procedure
351 Other musculoskeletal system & connective tissue diagnoses
361 Skin graft for skin & subcutaneous tissue diagnoses
362 Mastectomy procedures
363 Breast procedures except mastectomy
364 Other skin, subcutaneous tissue & breast procedures
380 Skin ulcers
381 Major skin disorders
382 Malignant breast disorders
383 Cellulitis & other bacterial skin infections
384 Contusion, open wound & other trauma to skin & subcutaneous tissue
385 Other skin, subcutaneous tissue & breast disorders
401 Pituitary & adrenal procedures
403 Procedures for obesity
404 Thyroid, parathyroid & thyroglossal procedures
405 Other procedures for endocrine, nutrititional & metabolic disorders

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

420 Diabetes
421 Malnutrition, failure to thrive & other nutritional disorders
422 Hypovolemia & electrolyte disorders
423 Inborn errors of metabolism
424 Other endocrine disorders
440 Kidney transplant
441 Major bladder procedures
442 Kidney & urinary tract procedures for malignancy
443 Kidney & urinary tract procedures for nonmalignancy
444 Renal dialysis access device procedure only
445 Other bladder procedures
446 Urethral & transurethral procedures
447 Other kidney, urinary tract & related procedures
460 Renal failure
461 Kidney & urinary tract malignancy
462 Nephritis & nephrosis
463 Kidney & urinary tract infections
465 Urinary stones & acquired upper urinary tract obstruction
466 Malfunction, reactions & comp of genitourinary device or procedure
468 Other kidney & urinary tract diagnoses, signs & symptoms
480 Major male pelvic procedures
481 Penis procedures
482 Transurethral prostatectomy
483 Testes & scrotal procedures
484 Other male reproductive system & related procedures
500 Malignancy, male reproductive system
501 Male reproductive system diagnoses except malignancy
510 Pelvic evisceration, radical hysterectomy & radical vulvectomy
511 Uterine & adnexa procedures for ovarian & adnexal malignancy
512 Uterine & adnexa procedures for non-ovarian & non-adnexal malignancy
513 Uterine & adnexa procedures for non-malignancy except leiomyoma
514 Female reproductive system reconstructive procedures
517 Dilation & curettage for non-obstetric diagnoses
519 Uterine & adnexa procedures for leiomyoma
530 Female reproductive system malignancy
531 Female reproductive system infections
532 Menstrual & other female reproductive system disorders
540 Cesarean delivery
541 Vaginal delivery w sterilization &/or D&C
542 Vaginal delivery w complicating proc except sterilization &/or D&C
544 D&C, aspiration curettage or hysterotomy for obstetric diagnoses
560 Vaginal delivery
561 Postpartum & post abortion diagnoses w/o procedure
563 Threatened abortion
564 Abortion w/o D&C, aspiration curettage or hysterotomy
565 False labor
566 Other antepartum diagnoses
580 Neonate, transferred <5 days old, not born here
581 Neonate, transferred <5 days old, born here
583 Neonate, w ecmo
588 Neonate bwt <1500 g with major procedure
589* Neonate bwt <500 g (until 10/1/10)
589* Neonate bwt <500 g or GA < 24 weeks (after 10/1/10)
591 Neonate, birthwt 500-749g w/o major procedure
593 Neonate, birthwt 750g-999g w/o major procedure
602 Neonate, birthwt 1000-1249g w respiratory distress syndrome or major anomaly
603 Neonate, birthwt 1000-1249g w or w/o other significant condition
611 Neonate, birthwt 1500-1999g w major anomaly
612 Neonate, birthwt 1500-1999g w respiratory distress syndrome/oth maj resp cond
613 Neonate, birthwt 1500-1999g w congenital or perinatal infections

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

614 Neonate, birthwt 1500-1999g w or w/o other significant conditions
621 Neonate, birthwt 2000-2499g w major anomaly
622 Neonate, birthwt 2000-2499g w respiratory distress syndrome
623 Neonate, birthwt 2000-2499g w congenital or perinatal infections
625 Neonate, birthwt 2000-2499g, born here, w other significant condition
626 Neonate, bwt 2000-2499g, born here, normal NB & NB w other prob
630 Neonate, birthwt >2499g w major cardiovascular procedure
631 Neonate, birthwt >2499g w other major procedure
633 Neonate, birthwt >2499g w major anomaly
634 Neonate, birthwt >2499g w respiratory distress syndrome/oth maj resp cond
636 Neonate, birthwt >2499g w congenital/perinatal infections
639 Neonate, birthwt >2499g, born here, w other significant condition
640 Neonate, bwt >2499g, normal NB & NB w other problems
650 Splenectomy
651 Other procedures of blood & blood forming organs
660 Major hematologica/immunologic diagnoses exce sickle cell crisis & coag
661 Coagulation & platelet disorders
662 Sickle cell anemia crisis
663 Other anemia & disorders of blood & blood forming organs
680 Major O.R. procedures for lymphatic/hematopoietic/other neoplasms
681 Other O.R. procedures for lymphatic/hematopoietic/other neoplasms
690 Acute leukemia
691 Lymphoma, myeloma & non-acute leukemia
692 Radiotherapy
693 Chemotherapy
694 Lymphatic & other malignancies & neoplasms of uncertain behavior
710 Infectious & parasitic diseases including HIV w O.R.procedure
711 Postoperative, post traumatic, other device infections w O.R. procedure
720 Septicemia & disseminated infections
721 Postoperative, post-traumatic infections, other device infections
722 Fever
723 Viral illness
724 Other infectious & parasitic diseases
740 Mental illness diagnosis w O.R. procedure
750 Schizophrenia
751 Major depressive disorders & other/unspecified psychoses
752 Disorders of personality & impulse control
753 Bipolar disorders
754 Depression except major depressive disorders
755 Adjustment disorders & neuroses except depressive diagnoses
756 Acute anxiety & delirium states
757 Organic mental health disturbances
758 Childhood behavioral disorders
759 Eating disorders
760 Other mental health disorders
770 Drug & alcohol abuse or dependence, left against medical advice
771 Alcohol & drug dependence w rehabilitation therapy
773 Opioid abuse & dependence
774 Cocaine abuse & dependence
775 Alcohol abuse & dependence
776 Other drug abuse & dependence
791 O.R. procedures for other complications of treatment
811 Allergic reactions
812 Poisoning & toxic effects of drugs
813 Other complications of treatment
815 Other injury, poisoning & toxic effect diagnoses
816 Toxic effects of non-medical substances
841 Extensive 3rd degree burns w skin graft
842 Full thickness burns w skin graft
843 Extensive 3rd degree burns or full thickness burns w/o skin graft

**All Patient Refined Diagnosis Related Group (APR-DRG)
Version 20.0+ (2005 through present)**

844 Partial thickness burns w or w/o skin graft
850 Procedure w diagnoses of rehab, aftercare or other contact w health services
860 Rehabilitation
861 Signs, symptoms & other factors influencing health status
862 Other aftercare & convalescence
863 Neonatal aftercare
890 HIV w multiple major HIV related conditions
892 HIV w major HIV related infections
893 HIV w multiple significant HIV related conditions
894 HIV w one significant HIV condition or w/o significant related condition
910 Craniotomy for multiple sig trauma
911 Extensive abdominal/thoracic procedures for multiple significant trauma
912 Musculoskeletal & other procedures for multiple significant trauma
930 Multiple significant trauma w/o O.R. procedure
950 Extensive procedure unrelated to principal diagnosis
951 Moderately extensive procedure unrelated to principal diagnosis
952 Nonextensive procedure unrelated to principal diagnosis
955 Principal diagnosis invalid as discharge diagnosis
956 Ungroupable

**Medicare Severity-Diagnosis Related Group (MS-DRG)
Version 25.0+ (4th quarter 2007 through present)**

001	Heart transplant or implant of heart assist system w MCC
002	Heart transplant or implant of heart assist system w/o MCC
003	"ECMO or trach w MV 96+ hrs or PDX exc face, mouth & neck w maj O.R."
004	"Trach w MV 96+ hrs or PDX exc face, mouth & neck w/o maj O.R."
005	Liver transplant w MCC or intestinal transplant
006	Liver transplant w/o MCC
007	Lung transplant
008	Simultaneous pancreas/kidney transplant
009*	Bone marrow transplant (prior to 10/1/10)
010	Pancreas transplant
011	"Tracheostomy for face,mouth & neck diagnoses w MCC"
012	"Tracheostomy for face,mouth & neck diagnoses w CC"
013	"Tracheostomy for face,mouth & neck diagnoses w/o CC/MCC"
014*	Allogeneic bone marrow transplant (beginning 10/1/10)
015*	Autologous bone marrow transplant (beginning 10/1/10)
020	Intracranial vascular procedures w PDX hemorrhage w MCC
021	Intracranial vascular procedures w PDX hemorrhage w CC
022	Intracranial vascular procedures w PDX hemorrhage w/o CC/MCC
023	Cranio w major dev impl/acute complex CNS PDX w MCC or chemo implant
024	Cranio w major dev impl/acute complex CNS PDX w/o MCC
025	Craniotomy & endovascular intracranial procedures w MCC
026	Craniotomy & endovascular intracranial procedures w CC
027	Craniotomy & endovascular intracranial procedures w/o CC/MCC
028	Spinal procedures w MCC
029	Spinal procedures w CC or spinal neurostimulators
030	Spinal procedures w/o CC/MCC
031	Ventricular shunt procedures w MCC
032	Ventricular shunt procedures w CC
033	Ventricular shunt procedures w/o CC/MCC
034	Carotid artery stent procedure w MCC
035	Carotid artery stent procedure w CC
036	Carotid artery stent procedure w/o CC/MCC
037	Extracranial procedures w MCC
038	Extracranial procedures w CC
039	Extracranial procedures w/o CC/MCC
040	Periph/cranial nerve & other nerv syst proc w MCC
041	Periph/cranial nerve & other nerv syst proc w CC or periph neurostim
042	Periph/cranial nerve & other nerv syst proc w/o CC/MCC
052	Spinal disorders & injuries w CC/MCC
053	Spinal disorders & injuries w/o CC/MCC
054	Nervous system neoplasms w MCC
055	Nervous system neoplasms w/o MCC
056	Degenerative nervous system disorders w MCC
057	Degenerative nervous system disorders w/o MCC
058	Multiple sclerosis & cerebellar ataxia w MCC
059	Multiple sclerosis & cerebellar ataxia w CC
060	Multiple sclerosis & cerebellar ataxia w/o CC/MCC
061	Acute ischemic stroke w use of thrombolytic agent w MCC
062	Acute ischemic stroke w use of thrombolytic agent w CC
063	Acute ischemic stroke w use of thrombolytic agent w/o CC/MCC
064	Intracranial hemorrhage or cerebral infarction w MCC
065	Intracranial hemorrhage or cerebral infarction w CC
066	Intracranial hemorrhage or cerebral infarction w/o CC/MCC
067	Nonspecific CVA & precerebral occlusion w/o infarct w MCC

**Medicare Severity-Diagnosis Related Group (MS-DRG)
Version 25.0+ (4th quarter 2007 through present)**

068	Nonspecific CVA & precerebral occlusion w/o infarct w/o MCC
069	Transient ischemia
070	Nonspecific cerebrovascular disorders w MCC
071	Nonspecific cerebrovascular disorders w CC
072	Nonspecific cerebrovascular disorders w/o CC/MCC
073	Cranial & peripheral nerve disorders w MCC
074	Cranial & peripheral nerve disorders w/o MCC
075	Viral meningitis w CC/MCC
076	Viral meningitis w/o CC/MCC
077	Hypertensive encephalopathy w MCC
078	Hypertensive encephalopathy w CC
079	Hypertensive encephalopathy w/o CC/MCC
080	Nontraumatic stupor & coma w MCC
081	Nontraumatic stupor & coma w/o MCC
082	"Traumatic stupor & coma, coma >1 hr w MCC"
083	"Traumatic stupor & coma, coma >1 hr w CC"
084	"Traumatic stupor & coma, coma >1 hr w/o CC/MCC"
085	"Traumatic stupor & coma, coma <1 hr w MCC"
086	"Traumatic stupor & coma, coma <1 hr w CC"
087	"Traumatic stupor & coma, coma <1 hr w/o CC/MCC"
088	Concussion w MCC
089	Concussion w CC
090	Concussion w/o CC/MCC
091	Other disorders of nervous system w MCC
092	Other disorders of nervous system w CC
093	Other disorders of nervous system w/o CC/MCC
094	Bacterial & tuberculous infections of nervous system w MCC
095	Bacterial & tuberculous infections of nervous system w CC
096	Bacterial & tuberculous infections of nervous system w/o CC/MCC
097	Non-bacterial infect of nervous sys exc viral meningitis w MCC
098	Non-bacterial infect of nervous sys exc viral meningitis w CC
099	Non-bacterial infect of nervous sys exc viral meningitis w/o CC/MCC
100	Seizures w MCC
101	Seizures w/o MCC
102	Headaches w MCC
103	Headaches w/o MCC
113	Orbital procedures w CC/MCC
114	Orbital procedures w/o CC/MCC
115	Extraocular procedures except orbit
116	Intraocular procedures w CC/MCC
117	Intraocular procedures w/o CC/MCC
121	Acute major eye infections w CC/MCC
122	Acute major eye infections w/o CC/MCC
123	Neurological eye disorders
124	Other disorders of the eye w MCC
125	Other disorders of the eye w/o MCC
129	Major head & neck procedures w CC/MCC or major device
130	Major head & neck procedures w/o CC/MCC
131	Cranial/facial procedures w CC/MCC
132	Cranial/facial procedures w/o CC/MCC
133	"Other ear, nose, mouth & throat O.R. procedures w CC/MCC"
134	"Other ear, nose, mouth & throat O.R. procedures w/o CC/MCC"
135	Sinus & mastoid procedures w CC/MCC
136	Sinus & mastoid procedures w/o CC/MCC

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137	Mouth procedures w CC/MCC
138	Mouth procedures w/o CC/MCC
139	Salivary gland procedures
146	"Ear, nose, mouth & throat malignancy w MCC"
147	"Ear, nose, mouth & throat malignancy w CC"
148	"Ear, nose, mouth & throat malignancy w/o CC/MCC"
149	Dysequilibrium
150	Epistaxis w MCC
151	Epistaxis w/o MCC
152	Otitis media & URI w MCC
153	Otitis media & URI w/o MCC
154*	"Nasal Trauma & Deformity w MCC" (prior to 10-1-08)
154*	"Other ear, nose, mouth & throat diagnoses w MCC" (beginning 10-1-08)
155*	"Nasal Trauma & Deformity w CC" (prior to 10-1-08)
155*	"Other ear, nose, mouth & throat diagnoses w CC" (beginning 10-1-08)
156*	"Nasal Trauma & Deformity w/o CC/MCC" (prior to 10-1-08)
156*	"Other ear, nose, mouth & throat diagnoses w/o CC/MCC" (beginning 10-1-08)
157	Dental & oral diseases w MCC
158	Dental & oral diseases w CC
159	Dental & oral diseases w/o CC/MCC
163	Major chest procedures w MCC
164	Major chest procedures w CC
165	Major chest procedures w/o CC/MCC
166	Other resp system O.R. procedures w MCC
167	Other resp system O.R. procedures w CC
168	Other resp system O.R. procedures w/o CC/MCC
175	Pulmonary embolism w MCC
176	Pulmonary embolism w/o MCC
177	Respiratory infections & inflammations w MCC
178	Respiratory infections & inflammations w CC
179	Respiratory infections & inflammations w/o CC/MCC
180	Respiratory neoplasms w MCC
181	Respiratory neoplasms w CC
182	Respiratory neoplasms w/o CC/MCC
183	Major chest trauma w MCC
184	Major chest trauma w CC
185	Major chest trauma w/o CC/MCC
186	Pleural effusion w MCC
187	Pleural effusion w CC
188	Pleural effusion w/o CC/MCC
189	Pulmonary edema & respiratory failure
190	Chronic obstructive pulmonary disease w MCC
191	Chronic obstructive pulmonary disease w CC
192	Chronic obstructive pulmonary disease w/o CC/MCC
193	Simple pneumonia & pleurisy w MCC
194	Simple pneumonia & pleurisy w CC
195	Simple pneumonia & pleurisy w/o CC/MCC
196	Interstitial lung disease w MCC
197	Interstitial lung disease w CC
198	Interstitial lung disease w/o CC/MCC
199	Pneumothorax w MCC
200	Pneumothorax w CC
201	Pneumothorax w/o CC/MCC
202	Bronchitis & asthma w CC/MCC

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203	Bronchitis & asthma w/o CC/MCC
204	Respiratory signs & symptoms
205	Other respiratory system diagnoses w MCC
206	Other respiratory system diagnoses w/o MCC
207	Respiratory system diagnosis w ventilator support 96+ hours
208	Respiratory system diagnosis w ventilator support <96 hours
215	Other heart assist system implant
216	Cardiac valve & oth maj cardiothoracic proc w card cath w MCC
217	Cardiac valve & oth maj cardiothoracic proc w card cath w CC
218	Cardiac valve & oth maj cardiothoracic proc w card cath w/o CC/MCC
219	Cardiac valve & oth maj cardiothoracic proc w/o card cath w MCC
220	Cardiac valve & oth maj cardiothoracic proc w/o card cath w CC
221	Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o CC/MCC
222	Cardiac defib implant w cardiac cath w AMI/HF/shock w MCC
223	Cardiac defib implant w cardiac cath w AMI/HF/shock w/o MCC
224	Cardiac defib implant w cardiac cath w/o AMI/HF/shock w MCC
225	Cardiac defib implant w cardiac cath w/o AMI/HF/shock w/o MCC
226	Cardiac defibrillator implant w/o cardiac cath w MCC
227	Cardiac defibrillator implant w/o cardiac cath w/o MCC
228	Other cardiothoracic procedures w MCC
229	Other cardiothoracic procedures w CC
230	Other cardiothoracic procedures w/o CC/MCC
231	Coronary bypass w PTCA w MCC
232	Coronary bypass w PTCA w/o MCC
233	Coronary bypass w cardiac cath w MCC
234	Coronary bypass w cardiac cath w/o MCC
235	Coronary bypass w/o cardiac cath w MCC
236	Coronary bypass w/o cardiac cath w/o MCC
237	Major cardiovasc procedures w MCC or thoracic aortic aneurysm repair
238	Major cardiovasc procedures w/o MCC
239	Amputation for circ sys disorders exc upper limb & toe w MCC
240	Amputation for circ sys disorders exc upper limb & toe w CC
241	Amputation for circ sys disorders exc upper limb & toe w/o CC/MCC
242	Permanent cardiac pacemaker implant w MCC
243	Permanent cardiac pacemaker implant w CC
244	Permanent cardiac pacemaker implant w/o CC/MCC
245	AICD generator procedures
246	Perc cardiovasc proc w drug-eluting stent w MCC or 4+ vessels/stents
247	Perc cardiovasc proc w drug-eluting stent w/o MCC
248	Perc cardiovasc proc w non-drug-eluting stent w MCC or 4+ ves/stents
249	Perc cardiovasc proc w non-drug-eluting stent w/o MCC
250*	Perc cardiovasc proc w/o coronary artery stent or AMI w MCC (prior to 10-1-08)
250*	Perc cardiovasc proc w/o coronary artery stent w MCC (beginning 10-1-08)
251*	Perc cardiovasc proc w/o coronary artery stent or AMI w/o MCC (prior to 10-1-08)
251*	Perc cardiovasc proc w/o coronary artery stent w/o MCC (beginning 10-1-08)
252	Other vascular procedures w MCC
253	Other vascular procedures w CC
254	Other vascular procedures w/o CC/MCC
255	Upper limb & toe amputation for circ system disorders w MCC
256	Upper limb & toe amputation for circ system disorders w CC
257	Upper limb & toe amputation for circ system disorders w/o CC/MCC
258	Cardiac pacemaker device replacement w MCC
259	Cardiac pacemaker device replacement w/o MCC
260	Cardiac pacemaker revision except device replacement w MCC

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261	Cardiac pacemaker revision except device replacement w CC
262	Cardiac pacemaker revision except device replacement w/o CC/MCC
263	Vein ligation & stripping
264	Other circulatory system O.R. procedures
265*	AICD lead procedures (beginning 10-1-08)
280	"Acute myocardial infarction, discharged alive w MCC"
281	"Acute myocardial infarction, discharged alive w CC"
282	"Acute myocardial infarction, discharged alive w/o CC/MCC"
283	"Acute myocardial infarction, expired w MCC"
284	"Acute myocardial infarction, expired w CC"
285	"Acute myocardial infarction, expired w/o CC/MCC"
286	"Circulatory disorders except AMI, w card cath w MCC"
287	"Circulatory disorders except AMI, w card cath w/o MCC"
288	Acute & subacute endocarditis w MCC
289	Acute & subacute endocarditis w CC
290	Acute & subacute endocarditis w/o CC/MCC
291	Heart failure & shock w MCC
292	Heart failure & shock w CC
293	Heart failure & shock w/o CC/MCC
294	Deep vein thrombophlebitis w CC/MCC
295	Deep vein thrombophlebitis w/o CC/MCC
296	"Cardiac arrest, unexplained w MCC"
297	"Cardiac arrest, unexplained w CC"
298	"Cardiac arrest, unexplained w/o CC/MCC"
299	Peripheral vascular disorders w MCC
300	Peripheral vascular disorders w CC
301	Peripheral vascular disorders w/o CC/MCC
302	Atherosclerosis w MCC
303	Atherosclerosis w/o MCC
304	Hypertension w MCC
305	Hypertension w/o MCC
306	Cardiac congenital & valvular disorders w MCC
307	Cardiac congenital & valvular disorders w/o MCC
308	Cardiac arrhythmia & conduction disorders w MCC
309	Cardiac arrhythmia & conduction disorders w CC
310	Cardiac arrhythmia & conduction disorders w/o CC/MCC
311	Angina pectoris
312	Syncope & collapse
313	Chest pain
314	Other circulatory system diagnoses w MCC
315	Other circulatory system diagnoses w CC
316	Other circulatory system diagnoses w/o CC/MCC
326	"Stomach, esophageal & duodenal proc w MCC"
327	"Stomach, esophageal & duodenal proc w CC"
328	"Stomach, esophageal & duodenal proc w/o CC/MCC"
329	Major small & large bowel procedures w MCC
330	Major small & large bowel procedures w CC
331	Major small & large bowel procedures w/o CC/MCC
332	Rectal resection w MCC
333	Rectal resection w CC
334	Rectal resection w/o CC/MCC
335	Peritoneal adhesiolysis w MCC
336	Peritoneal adhesiolysis w CC
337	Peritoneal adhesiolysis w/o CC/MCC

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338	Appendectomy w complicated principal diag w MCC
339	Appendectomy w complicated principal diag w CC
340	Appendectomy w complicated principal diag w/o CC/MCC
341	Appendectomy w/o complicated principal diag w MCC
342	Appendectomy w/o complicated principal diag w CC
343	Appendectomy w/o complicated principal diag w/o CC/MCC
344	Minor small & large bowel procedures w MCC
345	Minor small & large bowel procedures w CC
346	Minor small & large bowel procedures w/o CC/MCC
347	Anal & stomal procedures w MCC
348	Anal & stomal procedures w CC
349	Anal & stomal procedures w/o CC/MCC
350	Inguinal & femoral hernia procedures w MCC
351	Inguinal & femoral hernia procedures w CC
352	Inguinal & femoral hernia procedures w/o CC/MCC
353	Hernia procedures except inguinal & femoral w MCC
354	Hernia procedures except inguinal & femoral w CC
355	Hernia procedures except inguinal & femoral w/o CC/MCC
356	Other digestive system O.R. procedures w MCC
357	Other digestive system O.R. procedures w CC
358	Other digestive system O.R. procedures w/o CC/MCC
368	Major esophageal disorders w MCC
369	Major esophageal disorders w CC
370	Major esophageal disorders w/o CC/MCC
371	Major gastrointestinal disorders & peritoneal infections w MCC
372	Major gastrointestinal disorders & peritoneal infections w CC
373	Major gastrointestinal disorders & peritoneal infections w/o CC/MCC
374	Digestive malignancy w MCC
375	Digestive malignancy w CC
376	Digestive malignancy w/o CC/MCC
377	G.I. hemorrhage w MCC
378	G.I. hemorrhage w CC
379	G.I. hemorrhage w/o CC/MCC
380	Complicated peptic ulcer w MCC
381	Complicated peptic ulcer w CC
382	Complicated peptic ulcer w/o CC/MCC
383	Uncomplicated peptic ulcer w MCC
384	Uncomplicated peptic ulcer w/o MCC
385	Inflammatory bowel disease w MCC
386	Inflammatory bowel disease w CC
387	Inflammatory bowel disease w/o CC/MCC
388	G.I. obstruction w MCC
389	G.I. obstruction w CC
390	G.I. obstruction w/o CC/MCC
391	"Esophagitis, gastroent & misc digest disorders w MCC"
392	"Esophagitis, gastroent & misc digest disorders w/o MCC"
393	Other digestive system diagnoses w MCC
394	Other digestive system diagnoses w CC
395	Other digestive system diagnoses w/o CC/MCC
405	"Pancreas, liver & shunt procedures w MCC"
406	"Pancreas, liver & shunt procedures w CC"
407	"Pancreas, liver & shunt procedures w/o CC/MCC"
408	Biliary tract proc except only cholecyst w or w/o c.d.e. w MCC
409	Biliary tract proc except only cholecyst w or w/o c.d.e. w CC

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410	Biliary tract proc except only cholecyst w or w/o c.d.e. w/o CC/MCC
411	Cholecystectomy w c.d.e. w MCC
412	Cholecystectomy w c.d.e. w CC
413	Cholecystectomy w c.d.e. w/o CC/MCC
414	Cholecystectomy except by laparoscope w/o c.d.e. w MCC
415	Cholecystectomy except by laparoscope w/o c.d.e. w CC
416	Cholecystectomy except by laparoscope w/o c.d.e. w/o CC/MCC
417	Laparoscopic cholecystectomy w/o c.d.e. w MCC
418	Laparoscopic cholecystectomy w/o c.d.e. w CC
419	Laparoscopic cholecystectomy w/o c.d.e. w/o CC/MCC
420	Hepatobiliary diagnostic procedures w MCC
421	Hepatobiliary diagnostic procedures w CC
422	Hepatobiliary diagnostic procedures w/o CC/MCC
423	Other hepatobiliary or pancreas O.R. procedures w MCC
424	Other hepatobiliary or pancreas O.R. procedures w CC
425	Other hepatobiliary or pancreas O.R. procedures w/o CC/MCC
432	Cirrhosis & alcoholic hepatitis w MCC
433	Cirrhosis & alcoholic hepatitis w CC
434	Cirrhosis & alcoholic hepatitis w/o CC/MCC
435	Malignancy of hepatobiliary system or pancreas w MCC
436	Malignancy of hepatobiliary system or pancreas w CC
437	Malignancy of hepatobiliary system or pancreas w/o CC/MCC
438	Disorders of pancreas except malignancy w MCC
439	Disorders of pancreas except malignancy w CC
440	Disorders of pancreas except malignancy w/o CC/MCC
441	"Disorders of liver except malig,cirr,alc hepa w MCC"
442	"Disorders of liver except malig,cirr,alc hepa w CC"
443	"Disorders of liver except malig,cirr,alc hepa w/o CC/MCC"
444	Disorders of the biliary tract w MCC
445	Disorders of the biliary tract w CC
446	Disorders of the biliary tract w/o CC/MCC
453	Combined anterior/posterior spinal fusion w MCC
454	Combined anterior/posterior spinal fusion w CC
455	Combined anterior/posterior spinal fusion w/o CC/MCC
456	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w MCC
457	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w CC
458	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w/o CC/MCC
459	Spinal fusion except cervical w MCC
460	Spinal fusion except cervical w/o MCC
461	Bilateral or multiple major joint procs of lower extremity w MCC
462	Bilateral or multiple major joint procs of lower extremity w/o MCC
463	"Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w MCC"
464	"Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w CC"
465	"Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w/o CC/MCC"
466	Revision of hip or knee replacement w MCC
467	Revision of hip or knee replacement w CC
468	Revision of hip or knee replacement w/o CC/MCC
469	Major joint replacement or reattachment of lower extremity w MCC
470	Major joint replacement or reattachment of lower extremity w/o MCC
471	Cervical spinal fusion w MCC
472	Cervical spinal fusion w CC
473	Cervical spinal fusion w/o CC/MCC
474	Amputation for musculoskeletal sys & conn tissue dis w MCC
475	Amputation for musculoskeletal sys & conn tissue dis w CC

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476	Amputation for musculoskeletal sys & conn tissue dis w/o CC/MCC
477	Biopsies of musculoskeletal system & connective tissue w MCC
478	Biopsies of musculoskeletal system & connective tissue w CC
479	Biopsies of musculoskeletal system & connective tissue w/o CC/MCC
480	Hip & femur procedures except major joint w MCC
481	Hip & femur procedures except major joint w CC
482	Hip & femur procedures except major joint w/o CC/MCC
483	Major joint & limb reattachment proc of upper extremity w CC/MCC
484	Major joint & limb reattachment proc of upper extremity w/o CC/MCC
485	Knee procedures w pdx of infection w MCC
486	Knee procedures w pdx of infection w CC
487	Knee procedures w pdx of infection w/o CC/MCC
488	Knee procedures w/o pdx of infection w CC/MCC
489	Knee procedures w/o pdx of infection w/o CC/MCC
490	Back & neck proc exc spinal fusion w CC/MCC or disc device/neurostim
491	Back & neck proc exc spinal fusion w/o CC/MCC
492	"Lower extrem & humer proc except hip,foot,femur w MCC"
493	"Lower extrem & humer proc except hip,foot,femur w CC"
494	"Lower extrem & humer proc except hip,foot,femur w/o CC/MCC"
495	Local excision & removal int fix devices exc hip & femur w MCC
496	Local excision & removal int fix devices exc hip & femur w CC
497	Local excision & removal int fix devices exc hip & femur w/o CC/MCC
498	Local excision & removal int fix devices of hip & femur w CC/MCC
499	Local excision & removal int fix devices of hip & femur w/o CC/MCC
500	Soft tissue procedures w MCC
501	Soft tissue procedures w CC
502	Soft tissue procedures w/o CC/MCC
503	Foot procedures w MCC
504	Foot procedures w CC
505	Foot procedures w/o CC/MCC
506	Major thumb or joint procedures
507	Major shoulder or elbow joint procedures w CC/MCC
508	Major shoulder or elbow joint procedures w/o CC/MCC
509	Arthroscopy
510	"Shoulder,elbow or forearm proc,exc major joint proc w MCC"
511	"Shoulder,elbow or forearm proc,exc major joint proc w CC"
512	"Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC"
513	"Hand or wrist proc, except major thumb or joint proc w CC/MCC"
514	"Hand or wrist proc, except major thumb or joint proc w/o CC/MCC"
515	Other musculoskelet sys & conn tiss O.R. proc w MCC
516	Other musculoskelet sys & conn tiss O.R. proc w CC
517	Other musculoskelet sys & conn tiss O.R. proc w/o CC/MCC
533	Fractures of femur w MCC
534	Fractures of femur w/o MCC
535	Fractures of hip & pelvis w MCC
536	Fractures of hip & pelvis w/o MCC
537	"Sprains, strains, & dislocations of hip, pelvis & thigh w CC/MCC"
538	"Sprains, strains, & dislocations of hip, pelvis & thigh w/o CC/MCC"
539	Osteomyelitis w MCC
540	Osteomyelitis w CC
541	Osteomyelitis w/o CC/MCC
542	Pathological fractures & musculoskelet & conn tiss malig w MCC
543	Pathological fractures & musculoskelet & conn tiss malig w CC
544	Pathological fractures & musculoskelet & conn tiss malig w/o CC/MCC

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545	Connective tissue disorders w MCC
546	Connective tissue disorders w CC
547	Connective tissue disorders w/o CC/MCC
548	Septic arthritis w MCC
549	Septic arthritis w CC
550	Septic arthritis w/o CC/MCC
551	Medical back problems w MCC
552	Medical back problems w/o MCC
553	Bone diseases & arthropathies w MCC
554	Bone diseases & arthropathies w/o MCC
555	Signs & symptoms of musculoskeletal system & conn tissue w MCC
556	Signs & symptoms of musculoskeletal system & conn tissue w/o MCC
557	"Tendonitis, myositis & bursitis w MCC"
558	"Tendonitis, myositis & bursitis w/o MCC"
559	"Aftercare, musculoskeletal system & connective tissue w MCC"
560	"Aftercare, musculoskeletal system & connective tissue w CC"
561	"Aftercare, musculoskeletal system & connective tissue w/o CC/MCC"
562	"Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC"
563	"Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC"
564	Other musculoskeletal sys & connective tissue diagnoses w MCC
565	Other musculoskeletal sys & connective tissue diagnoses w CC
566	Other musculoskeletal sys & connective tissue diagnoses w/o CC/MCC
573	Skin graft &/or debrid for skn ulcer or cellulitis w MCC
574	Skin graft &/or debrid for skn ulcer or cellulitis w CC
575	Skin graft &/or debrid for skn ulcer or cellulitis w/o CC/MCC
576	Skin graft &/or debrid exc for skin ulcer or cellulitis w MCC
577	Skin graft &/or debrid exc for skin ulcer or cellulitis w CC
578	Skin graft &/or debrid exc for skin ulcer or cellulitis w/o CC/MCC
579	"Other skin, subcut tiss & breast proc w MCC"
580	"Other skin, subcut tiss & breast proc w CC"
581	"Other skin, subcut tiss & breast proc w/o CC/MCC"
582	Mastectomy for malignancy w CC/MCC
583	Mastectomy for malignancy w/o CC/MCC
584	"Breast biopsy, local excision & other breast procedures w CC/MCC"
585	"Breast biopsy, local excision & other breast procedures w/o CC/MCC"
592	Skin ulcers w MCC
593	Skin ulcers w CC
594	Skin ulcers w/o CC/MCC
595	Major skin disorders w MCC
596	Major skin disorders w/o MCC
597	Malignant breast disorders w MCC
598	Malignant breast disorders w CC
599	Malignant breast disorders w/o CC/MCC
600	Non-malignant breast disorders w CC/MCC
601	Non-malignant breast disorders w/o CC/MCC
602	Cellulitis w MCC
603	Cellulitis w/o MCC
604	"Trauma to the skin, subcut tiss & breast w MCC"
605	"Trauma to the skin, subcut tiss & breast w/o MCC"
606	Minor skin disorders w MCC
607	Minor skin disorders w/o MCC
614	Adrenal & pituitary procedures w CC/MCC
615	Adrenal & pituitary procedures w/o CC/MCC
616	"Amputat of lower limb for endocrine,nutrit,& metabol dis w MCC"

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617	"Amputat of lower limb for endocrine,nutrit,& metabol dis w CC"
618	"Amputat of lower limb for endocrine,nutrit,& metabol dis w/o CC/MCC"
619	O.R. procedures for obesity w MCC
620	O.R. procedures for obesity w CC
621	O.R. procedures for obesity w/o CC/MCC
622	"Skin grafts & wound debrid for endoc, nutrit & metab dis w MCC"
623	"Skin grafts & wound debrid for endoc, nutrit & metab dis w CC"
624	"Skin grafts & wound debrid for endoc, nutrit & metab dis w/o CC/MCC"
625	"Thyroid, parathyroid & thyroglossal procedures w MCC"
626	"Thyroid, parathyroid & thyroglossal procedures w CC"
627	"Thyroid, parathyroid & thyroglossal procedures w/o CC/MCC"
628	"Other endocrine, nutrit & metab O.R. proc w MCC"
629	"Other endocrine, nutrit & metab O.R. proc w CC"
630	"Other endocrine, nutrit & metab O.R. proc w/o CC/MCC"
637	Diabetes w MCC
638	Diabetes w CC
639	Diabetes w/o CC/MCC
640	Nutritional & misc metabolic disorders w MCC
641	Nutritional & misc metabolic disorders w/o MCC
642	Inborn errors of metabolism
643	Endocrine disorders w MCC
644	Endocrine disorders w CC
645	Endocrine disorders w/o CC/MCC
652	Kidney transplant
653	Major bladder procedures w MCC
654	Major bladder procedures w CC
655	Major bladder procedures w/o CC/MCC
656	Kidney & ureter procedures for neoplasm w MCC
657	Kidney & ureter procedures for neoplasm w CC
658	Kidney & ureter procedures for neoplasm w/o CC/MCC
659	Kidney & ureter procedures for non-neoplasm w MCC
660	Kidney & ureter procedures for non-neoplasm w CC
661	Kidney & ureter procedures for non-neoplasm w/o CC/MCC
662	Minor bladder procedures w MCC
663	Minor bladder procedures w CC
664	Minor bladder procedures w/o CC/MCC
665	Prostatectomy w MCC
666	Prostatectomy w CC
667	Prostatectomy w/o CC/MCC
668	Transurethral procedures w MCC
669	Transurethral procedures w CC
670	Transurethral procedures w/o CC/MCC
671	Urethral procedures w CC/MCC
672	Urethral procedures w/o CC/MCC
673	Other kidney & urinary tract procedures w MCC
674	Other kidney & urinary tract procedures w CC
675	Other kidney & urinary tract procedures w/o CC/MCC
682	Renal failure w MCC
683	Renal failure w CC
684	Renal failure w/o CC/MCC
685	Admit for renal dialysis
686	Kidney & urinary tract neoplasms w MCC
687	Kidney & urinary tract neoplasms w CC
688	Kidney & urinary tract neoplasms w/o CC/MCC

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689	Kidney & urinary tract infections w MCC
690	Kidney & urinary tract infections w/o MCC
691	Urinary stones w esw lithotripsy w CC/MCC
692	Urinary stones w esw lithotripsy w/o CC/MCC
693	Urinary stones w/o esw lithotripsy w MCC
694	Urinary stones w/o esw lithotripsy w/o MCC
695	Kidney & urinary tract signs & symptoms w MCC
696	Kidney & urinary tract signs & symptoms w/o MCC
697	Urethral stricture
698	Other kidney & urinary tract diagnoses w MCC
699	Other kidney & urinary tract diagnoses w CC
700	Other kidney & urinary tract diagnoses w/o CC/MCC
707	Major male pelvic procedures w CC/MCC
708	Major male pelvic procedures w/o CC/MCC
709	Penis procedures w CC/MCC
710	Penis procedures w/o CC/MCC
711	Testes procedures w CC/MCC
712	Testes procedures w/o CC/MCC
713	Transurethral prostatectomy w CC/MCC
714	Transurethral prostatectomy w/o CC/MCC
715	Other male reproductive system O.R. proc for malignancy w CC/MCC
716	Other male reproductive system O.R. proc for malignancy w/o CC/MCC
717	Other male reproductive system O.R. proc exc malignancy w CC/MCC
718	Other male reproductive system O.R. proc exc malignancy w/o CC/MCC
722	"Malignancy, male reproductive system w MCC"
723	"Malignancy, male reproductive system w CC"
724	"Malignancy, male reproductive system w/o CC/MCC"
725	Benign prostatic hypertrophy w MCC
726	Benign prostatic hypertrophy w/o MCC
727	Inflammation of the male reproductive system w MCC
728	Inflammation of the male reproductive system w/o MCC
729	Other male reproductive system diagnoses w CC/MCC
730	Other male reproductive system diagnoses w/o CC/MCC
734	"Pelvic evisceration, rad hysterectomy & rad vulvectomy w CC/MCC"
735	"Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o CC/MCC"
736	Uterine & adnexa proc for ovarian or adnexal malignancy w MCC
737	Uterine & adnexa proc for ovarian or adnexal malignancy w CC
738	Uterine & adnexa proc for ovarian or adnexal malignancy w/o CC/MCC
739	"Uterine,adnexa proc for non-ovarian/adnexal malig w MCC"
740	"Uterine,adnexa proc for non-ovarian/adnexal malig w CC"
741	"Uterine,adnexa proc for non-ovarian/adnexal malig w/o CC/MCC"
742	Uterine & adnexa proc for non-malignancy w CC/MCC
743	Uterine & adnexa proc for non-malignancy w/o CC/MCC
744	"D&C, conization, laparoscopy & tubal interruption w CC/MCC"
745	"D&C, conization, laparoscopy & tubal interruption w/o CC/MCC"
746	"Vagina, cervix & vulva procedures w CC/MCC"
747	"Vagina, cervix & vulva procedures w/o CC/MCC"
748	Female reproductive system reconstructive procedures
749	Other female reproductive system O.R. procedures w CC/MCC
750	Other female reproductive system O.R. procedures w/o CC/MCC
754	"Malignancy, female reproductive system w MCC"
755	"Malignancy, female reproductive system w CC"
756	"Malignancy, female reproductive system w/o CC/MCC"
757	"Infections, female reproductive system w MCC"

**Medicare Severity-Diagnosis Related Group (MS-DRG)
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758	"Infections, female reproductive system w CC"
759	"Infections, female reproductive system w/o CC/MCC"
760	Menstrual & other female reproductive system disorders w CC/MCC
761	Menstrual & other female reproductive system disorders w/o CC/MCC
765	Cesarean section w CC/MCC
766	Cesarean section w/o CC/MCC
767	Vaginal delivery w sterilization &/or D&C
768	Vaginal delivery w O.R. proc except steril &/or D&C
769	Postpartum & post abortion diagnoses w O.R. procedure
770	"Abortion w D&C, aspiration curettage or hysterotomy"
774	Vaginal delivery w complicating diagnoses
775	Vaginal delivery w/o complicating diagnoses
776	Postpartum & post abortion diagnoses w/o O.R. procedure
777	Ectopic pregnancy
778	Threatened abortion
779	Abortion w/o D&C
780	False labor
781	Other antepartum diagnoses w medical complications
782	Other antepartum diagnoses w/o medical complications
789	"Neonates, died or transferred to another acute care facility"
790	"Extreme immaturity or respiratory distress syndrome, neonate"
791	Prematurity w major problems
792	Prematurity w/o major problems
793	Full term neonate w major problems
794	Neonate w other significant problems
795	Normal newborn
799	Splenectomy w MCC
800	Splenectomy w CC
801	Splenectomy w/o CC/MCC
802	Other O.R. proc of the blood & blood forming organs w MCC
803	Other O.R. proc of the blood & blood forming organs w CC
804	Other O.R. proc of the blood & blood forming organs w/o CC/MCC
808	Major hematomol/immun diag exc sickle cell crisis & coagul w MCC
809	Major hematomol/immun diag exc sickle cell crisis & coagul w CC
810	Major hematomol/immun diag exc sickle cell crisis & coagul w/o CC/MCC
811	Red blood cell disorders w MCC
812	Red blood cell disorders w/o MCC
813	Coagulation disorders
814	Reticuloendothelial & immunity disorders w MCC
815	Reticuloendothelial & immunity disorders w CC
816	Reticuloendothelial & immunity disorders w/o CC/MCC
820	Lymphoma & leukemia w major O.R. procedure w MCC
821	Lymphoma & leukemia w major O.R. procedure w CC
822	Lymphoma & leukemia w major O.R. procedure w/o CC/MCC
823	Lymphoma & non-acute leukemia w other O.R. proc w MCC
824	Lymphoma & non-acute leukemia w other O.R. proc w CC
825	Lymphoma & non-acute leukemia w other O.R. proc w/o CC/MCC
826	Myeloprolif disord or poorly diff neopl w maj O.R. proc w MCC
827	Myeloprolif disord or poorly diff neopl w maj O.R. proc w CC
828	Myeloprolif disord or poorly diff neopl w maj O.R. proc w/o CC/MCC
829	Myeloprolif disord or poorly diff neopl w other O.R. proc w CC/MCC
830	Myeloprolif disord or poorly diff neopl w other O.R. proc w/o CC/MCC
834	Acute leukemia w/o major O.R. procedure w MCC
835	Acute leukemia w/o major O.R. procedure w CC

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836	Acute leukemia w/o major O.R. procedure w/o CC/MCC
837	Chemo w acute leukemia as sdx or w high dose chemo agent w MCC
838	Chemo w acute leukemia as sdx w CC or high dose chemo agent
839	Chemo w acute leukemia as sdx w/o CC/MCC
840	Lymphoma & non-acute leukemia w MCC
841	Lymphoma & non-acute leukemia w CC
842	Lymphoma & non-acute leukemia w/o CC/MCC
843	Other myeloprolif dis or poorly diff neopl diag w MCC
844	Other myeloprolif dis or poorly diff neopl diag w CC
845	Other myeloprolif dis or poorly diff neopl diag w/o CC/MCC
846	Chemotherapy w/o acute leukemia as secondary diagnosis w MCC
847	Chemotherapy w/o acute leukemia as secondary diagnosis w CC
848	Chemotherapy w/o acute leukemia as secondary diagnosis w/o CC/MCC
849	Radiotherapy
853	Infectious & parasitic diseases w O.R. procedure w MCC
854	Infectious & parasitic diseases w O.R. procedure w CC
855	Infectious & parasitic diseases w O.R. procedure w/o CC/MCC
856	Postoperative or post-traumatic infections w O.R. proc w MCC
857	Postoperative or post-traumatic infections w O.R. proc w CC
858	Postoperative or post-traumatic infections w O.R. proc w/o CC/MCC
862	Postoperative & post-traumatic infections w MCC
863	Postoperative & post-traumatic infections w/o MCC
864	Fever
865	Viral illness w MCC
866	Viral illness w/o MCC
867	Other infectious & parasitic diseases diagnoses w MCC
868	Other infectious & parasitic diseases diagnoses w CC
869	Other infectious & parasitic diseases diagnoses w/o CC/MCC
870	Septicemia or severe sepsis w MV 96+ hours
871	Septicemia or severe sepsis w/o MV 96+ hours w MCC
872	Septicemia or severe sepsis w/o MV 96+ hours w/o MCC
876	O.R. procedure w principal diagnoses of mental illness
880	Acute adjustment reaction & psychosocial dysfunction
881	Depressive neuroses
882	Neuroses except depressive
883	Disorders of personality & impulse control
884	Organic disturbances & mental retardation
885	Psychoses
886	Behavioral & developmental disorders
887	Other mental disorder diagnoses
894	"Alcohol/drug abuse or dependence, left AMA"
895	Alcohol/drug abuse or dependence w rehabilitation therapy
896	Alcohol/drug abuse or dependence w/o rehabilitation therapy w MCC
897	Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o MCC
901	Wound debridements for injuries w MCC
902	Wound debridements for injuries w CC
903	Wound debridements for injuries w/o CC/MCC
904	Skin grafts for injuries w CC/MCC
905	Skin grafts for injuries w/o CC/MCC
906	Hand procedures for injuries
907	Other O.R. procedures for injuries w MCC
908	Other O.R. procedures for injuries w CC
909	Other O.R. procedures for injuries w/o CC/MCC
913	Traumatic injury w MCC

**Medicare Severity-Diagnosis Related Group (MS-DRG)
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914	Traumatic injury w/o MCC
915	Allergic reactions w MCC
916	Allergic reactions w/o MCC
917	Poisoning & toxic effects of drugs w MCC
918	Poisoning & toxic effects of drugs w/o MCC
919	Complications of treatment w MCC
920	Complications of treatment w CC
921	Complications of treatment w/o CC/MCC
922	"Other injury, poisoning & toxic effect diag w MCC"
923	"Other injury, poisoning & toxic effect diag w/o MCC"
927	Extensive burns or full thickness burns w MV 96+ hrs w skin graft
928	Full thickness burn w skin graft or inhal inj w CC/MCC
929	Full thickness burn w skin graft or inhal inj w/o CC/MCC
933	Extensive burns or full thickness burns w MV 96+ hrs w/o skin graft
934	Full thickness burn w/o skin grft or inhal inj
935	Non-extensive burns
939	O.R. proc w diagnoses of other contact w health services w MCC
940	O.R. proc w diagnoses of other contact w health services w CC
941	O.R. proc w diagnoses of other contact w health services w/o CC/MCC
945	Rehabilitation w CC/MCC
946	Rehabilitation w/o CC/MCC
947	Signs & symptoms w MCC
948	Signs & symptoms w/o MCC
949	Aftercare w CC/MCC
950	Aftercare w/o CC/MCC
951	Other factors influencing health status
955	Craniotomy for multiple significant trauma
956	"Limb reattachment, hip & femur proc for multiple significant trauma"
957	Other O.R. procedures for multiple significant trauma w MCC
958	Other O.R. procedures for multiple significant trauma w CC
959	Other O.R. procedures for multiple significant trauma w/o CC/MCC
963	Other multiple significant trauma w MCC
964	Other multiple significant trauma w CC
965	Other multiple significant trauma w/o CC/MCC
969	HIV w extensive O.R. procedure w MCC
970	HIV w extensive O.R. procedure w/o MCC
974	HIV w major related condition w MCC
975	HIV w major related condition w CC
976	HIV w major related condition w/o CC/MCC
977	HIV w or w/o other related condition
981	Extensive O.R. procedure unrelated to principal diagnosis w MCC
982	Extensive O.R. procedure unrelated to principal diagnosis w CC
983	Extensive O.R. procedure unrelated to principal diagnosis w/o CC/MCC
984	Prostatic O.R. procedure unrelated to principal diagnosis w MCC
985	Prostatic O.R. procedure unrelated to principal diagnosis w CC
986	Prostatic O.R. procedure unrelated to principal diagnosis w/o CC/MCC
987	Non-extensive O.R. proc unrelated to principal diagnosis w MCC
988	Non-extensive O.R. proc unrelated to principal diagnosis w CC
989	Non-extensive O.R. proc unrelated to principal diagnosis w/o CC/MCC
998	Principal diagnosis invalid as discharge diagnosis
999	Ungroupable

MS-DRGs 998 and 999 contain cases that could not be assigned to valid DRGs.

Medicare Severity-Major Diagnosis Category (MS-MDC) *

- 0 = Ungroupable
- 1 = Nervous System
- 2 = Eye
- 3 = Ear, Nose, Mouth & Throat
- 4 = Respiratory System
- 5 = Circulatory System
- 6 = Digestive System
- 7 = Hepatobiliary System & Pancreas
- 8 = Musculoskeletal System & Connective Tissue
- 9 = Skin, Subcutaneous Tissue & Breast
- 10 = Endocrine, Nutritional & Metabolic System
- 11 = Kidney & Urinary Tract
- 12 = Male Reproductive System
- 13 = Female Reproductive System
- 14 = Pregnancy, Childbirth & the Puerperium
- 15 = Newborn & Other Neonates (Perinatal Period)
- 16 = Blood and Blood-Forming Disorders
- 17 = Myeloproliferative DDs (Diff Neoplasms)
- 18 = Infectious and Parasitic Dds
- 19 = Mental Diseases and Disorders
- 20 = Alcohol/Drug Use or Induced Mental Disorders
- 21 = Injuries, Poisoning and Toxic Effect of Drugs
- 22 = Burns
- 23 = Factors Influencing Health Status
- 24 = Multiple Significant Trauma
- 25 = Human Immunodeficiency Virus Infection

*Patients having heart, liver, lung, simultaneous pancreas/kidney, pancreas, or bone marrow transplants, or tracheostomies, traditionally categorized as PRE MDC (0), are assigned by the DRG Grouper into the following MS-DRGs independent of the MDC of the principal diagnosis: 001-013, 984-989. MS-DRGs (981-983, 998, 999) associated with all MDCs are assigned independent of the MDC of the principal diagnosis if the diagnosis is valid. Otherwise, this is the traditional Health Care Financing Administration (HCFA) MDC.

APPENDIX A

UTAH HOSPITAL (WITH EMERGENCY DEPARTMENTS) PROFILE

HOSPITAL CHARACTERISTICS: ED REPORT 2011

ID ¹	HOSPITAL NAME	OWN ²	AFFILIATION	COUNTY	CITY	U/R ³	TEACH ⁴	# ED BEDS
111	Allen Memorial Hospital	G	Rural Health Mgmt	Grand	Moab	R	N	3
118	Alta View Hospital	N	Intermountain Healthcare	Salt Lake	Sandy	U	N	17
136	American Fork Hospital	N	Intermountain Healthcare	Utah	American Fork	U	N	11
134	Ashley Regional Medical Center	I	LifePoint Hospitals, Inc.	Uintah	Vernal	R	N	5
104	Bear River Valley Hospital	N	Intermountain Healthcare	Box Elder	Tremonton	R	N	3
101	Beaver Valley Hospital	G	Freestanding	Beaver	Beaver	R	N	2
103	Brigham City Community Hospital	I	MountainStar Healthcare	Box Elder	Brigham City	R	N	5
145	Cache Valley Specialty Hospital ⁵	I	National Surgical Hospitals	Cache	North Logan	R	N	2
106	Castleview Hospital	I	LifePoint Hospitals, Inc.	Carbon	Price	R	N	9
113	Central Valley Medical Center	N	Rural Health Mgmt	Juab	Nephi	R	N	5
119	Cottonwood Hospital Medical Center ⁶	N	Intermountain Healthcare	Salt Lake	Murray	U	N	18
108	Davis Hospital and Medical Center	I	IASIS Health Care	Davis	Layton	U	N	21
116	Delta Community Medical Center	N	Intermountain Healthcare	Millard	Delta	R	N	6
140	Dixie Regional Medical Center	N	Intermountain Healthcare	Washington	St. George	R	N	12
115	Fillmore Community Medical Center	N	Intermountain Healthcare	Millard	Fillmore	R	N	3
110	Garfield Memorial Hospital	N	Intermountain Healthcare	Garfield	Panguitch	R	N	2
129	Gunnison Valley Hospital	G	Freestanding	Sanpete	Gunnison	R	N	3
139	Heber Valley Medical Center	N	Intermountain Healthcare	Wasatch	Heber	R	N	5

ID ¹	HOSPITAL NAME	OWN ²	AFFILIATION	COUNTY	CITY	U/R ³	TEACH ⁴	# ED BEDS
310	Huntsman Cancer Institute ⁵	G	University Healthcare	Salt Lake	Salt Lake City	U	Y	0
146	Intermountain Medical Center	N	Intermountain Healthcare	Salt Lake	Murray	U	Y	76
117	Jordan Valley Medical Center	I	IASIS Health Care	Salt Lake	West Jordan	U	N	10
114	Kane County Hospital	G	Freestanding	Kane	Kanab	R	N	1
107	Lakeview Hospital	I	MountainStar Healthcare	Davis	Bountiful	U	N	11
121	LDS Hospital	N	Intermountain Healthcare	Salt Lake	Salt Lake City	U	Y	24
724	Lone Peak Emergency Center⁵	I	MountainStar Healthcare	Salt Lake	Draper	U	N	10
105	Logan Regional Hospital	N	Intermountain Healthcare	Cache	Logan	R	N	16
141	McKay-Dee Hospital	N	Intermountain Healthcare	Weber	Ogden	U	Y	23
102	Milford Valley Memorial Hospital	G	Freestanding	Beaver	Milford	R	N	1
137	Mountain View Hospital	I	MountainStar Healthcare	Utah	Payson	U	N	11
133	Mountain West Medical Center	G	Community Health Syst.	Tooele	Tooele	R	N	8
142	Ogden Regional Medical Center	I	MountainStar Healthcare	Weber	Ogden	U	N	17
135	Orem Community Hospital	N	Intermountain Healthcare	Utah	Orem	U	N	9
147	Park City Medical Center	N	Intermountain Healthcare	Summit	Park City	R	N	15
126	Pioneer Valley Hospital	I	IASIS Health Care	Salt Lake	West Valley	U	Y	18
122	Primary Children's Medical Center	N	Intermountain Healthcare	Salt Lake	Salt Lake City	U	N	35
148	Riverton Hospital	N	Intermountain Healthcare	Salt Lake	Riverton	U	Y	20
120	Salt Lake Regional Medical Center	I	IASIS Health Care	Salt Lake	Salt Lake City	U	Y	17
128	San Juan Hospital	G	Management	San Juan	Monticello	R	N	6
130	Sanpete Valley Hospital	N	Intermountain Healthcare	Sanpete	Mt. Pleasant	R	N	3

ID ¹	HOSPITAL NAME	OWN ²	AFFILIATION	COUNTY	CITY	U/R ³	TEACH ⁴	# ED BEDS
132	Sevier Valley Hospital	N	Intermountain Healthcare	Sevier	Richfield	R	N	3
124	St. Mark's Hospital	I	MountainStar Healthcare	Salt Lake	Salt Lake City	U	Y	21
307	The Orthopedic Specialty Hospital ⁵	I	Intermountain Healthcare	Salt Lake	Salt Lake City	U	N	0
144	Timpanogos Regional Hospital	I	MountainStar Healthcare	Utah	Orem	U	N	6
109	Uintah Basin Medical Center	G	Freestanding	Duchesne	Roosevelt	R	N	7
125	University of Utah Hospital	G	University Healthcare	Salt Lake	Salt Lake City	U	Y	28
138	Utah Valley Regional Medical Center	N	Intermountain Healthcare	Utah	Provo	U	N	20
112	Valley View Medical Center	N	Intermountain Healthcare	Iron	Cedar City	R	N	7

¹Hospital ID number. See page 8 for hospital list in numerical order.

²Owner category: G=Government, N=Not for Profit, I=Investor-Owned.

³Urban or Rural location of hospital.

⁴Teaching hospital (Yes or No).

⁵The Orthopedic Specialty Hospital is only included with the ER-Inpatient admissions in 2003 only, Huntsman Cancer Institute is ER Inpatient only, Cache Valley Hospital is ER Outpatient only, **Lone Peak Emergency Center is ER Outpatient only.**

⁶Cottonwood Hospital Closed October 2007

Note: In previous reports the hospitals with addresses, phone numbers, and number of beds in the above list, can be obtained as a “cut and paste” document from the website <http://health.utah.gov/hda/usersupport.php> and click on “List of data providers”.

An alternative source for a list of Utah hospitals is the Utah Department of Health Website <http://health.utah.gov/hflcra> and click on “Facility Info”, “Alphabetical Listing” and the appropriate facility type.